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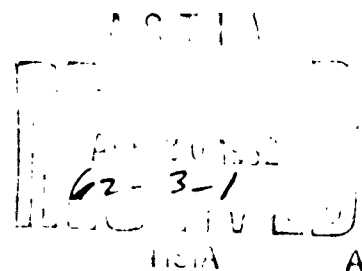
SMITHSONIAN INSTITUTION
ASTROPHYSICAL OBSERVATORY

Research in Space Science

SPECIAL REPORT

Number 89

CATALOGUE OF SATELLITE OBSERVATIONS
No. C-27



February 23, 1962

CAMBRIDGE 38, MASSACHUSETTS

SAO Special Report No. 89

CATALOGUE OF SATELLITE OBSERVATIONS

No. C-27

Prepared by D. V. Mechau

**Smithsonian Institution
Astrophysical Observatory
Cambridge 38, Massachusetts**

TABLE OF CONTENTS

Catalogue of Satellite Observations, No. C-27

Introduction	1
Explanation of Index Numbers	3
Observations of Satellite 1960 Xi 1 (Explorer VIII)	
November 3, 1960, through June 30, 1961	5
Observations of Satellite 1961 Delta 1 (Explorer IX)	
February 16 through June 30, 1961	27
Observations of Satellite 1961 Nu 1 (Explorer XI)	
April 27 through June 30, 1961	65

CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-27¹

Prepared by D. V. Mechau²

INTRODUCTION

The Smithsonian Astrophysical Observatory has tracking responsibility for a certain number of satellites, the responsibility and number being governed by requirements of the National Aeronautics and Space Administration (NASA). Observations of these satellites, of other satellites whose orbits are of unusual interest for analysis, and of satellites that have offered challenge to optical tracking techniques, are usually published.

The satellites covered by this report and the periods during which the observations were made are specified in the table of contents.

This catalogue does not necessarily contain all observations received by SAO. It is quite often impractical and unnecessary to process all observations, and some that are processed are later rejected because of gross errors. Further, publication of observations does not necessarily imply that they have been used in orbit computations.

The observations listed include those from the SAO Baker-Nunn camera stations and Moonwatch teams, U.S. and foreign observatories, military installations, Phototrack stations, and miscellaneous observers. Minitrack and Doppler data received by SAO are not included.

Units

The date given lists the month and day of the observation; the time (U.T.) is given in hours, minutes, and seconds; right ascension is in hours, minutes, and seconds; declination, azimuth, and altitude are in degrees, minutes, and seconds; azimuth is measured from north through east; the range is in kilometers.

An explanation of the Index Number appears on pages 3 and 4.

¹ This work was supported by a grant from the National Aeronautics and Space Administration.

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EXPLANATION OF INDEX NUMBER

The index number in the column to the extreme right consists of six digits. The first digit indicates the precision of the time of the observation; the second and third digits, the precision of position; the fourth digit, the coordinate system and corrections; the fifth digit, the equator and equinox; the sixth digit, the type of instrumentation used in making the observation.

Precision of Time (1st digit)

Code number	Standard error in timing (σ_t)	Code number	Standard error in timing (σ_t)
0	No estimate	5	$.02^s < \sigma_t \leq .05^s$
1	$\sigma_t \leq .0003^s$	6	$.05^s < \sigma_t \leq .2^s$
2	$.0003^s < \sigma_t \leq .002^s$	7	$.2^s < \sigma_t \leq .5^s$
3	$.002^s < \sigma_t \leq .005^s$	8	$.5^s < \sigma_t \leq 2^s$
4	$.005^s < \sigma_t \leq .02^s$	9	$\sigma_t > 2^s$

Precision of Position (2nd and 3rd digits)

Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)
00	No estimate	17	$16''.5 < \sigma_D \leq 17''.5$	34	$21' < \sigma_D \leq 31.5'$
01	$\sigma_D \leq 1''.5$	18	$17''.5 < \sigma_D \leq 18''.5$	35	$31.5' < \sigma_D \leq 41.4'$
02	$1''.5 < \sigma_D \leq 2''.5$	19	$18''.5 < \sigma_D \leq 19''.5$	36	$41.4' < \sigma_D \leq 51.8'$
03	$2''.5 < \sigma_D \leq 3''.5$	20	$19''.5 < \sigma_D \leq 20''.5$	37	$51.8' < \sigma_D \leq 71.5'$
04	$3''.5 < \sigma_D \leq 4''.5$	21	$20''.5 < \sigma_D \leq 22''$	38	$71.5' < \sigma_D \leq 91.7'$
05	$4''.5 < \sigma_D \leq 5''.5$	22	$22'' < \sigma_D \leq 23''.5$	39	$91.7' < \sigma_D \leq 131'$
06	$5''.5 < \sigma_D \leq 6''.5$	23	$23''.5 < \sigma_D \leq 26''$	40	$131' < \sigma_D \leq 171'$
07	$6''.5 < \sigma_D \leq 7''.5$	24	$26'' < \sigma_D \leq 29''$	41	$171' < \sigma_D \leq 221'$
08	$7''.5 < \sigma_D \leq 8''.5$	25	$29'' < \sigma_D \leq 33''$	42	$221' < \sigma_D \leq 281'$
09	$8''.5 < \sigma_D \leq 9''.5$	26	$33'' < \sigma_D \leq 38''$	43	$281' < \sigma_D \leq 371'$
10	$9''.5 < \sigma_D \leq 10''.5$	27	$38'' < \sigma_D \leq 45''$	44	$371' < \sigma_D \leq 491'$
11	$10''.5 < \sigma_D \leq 11''.5$	28	$45'' < \sigma_D \leq 54''$	45	$491' < \sigma_D \leq 1^{\circ}1'$
12	$11''.5 < \sigma_D \leq 12''.5$	29	$54'' < \sigma_D \leq 1^{\circ}1'$	46	$1^{\circ}1' < \sigma_D \leq 1^{\circ}4'$
13	$12''.5 < \sigma_D \leq 13''.5$	30	$1^{\circ}1' < \sigma_D \leq 1^{\circ}3'$	47	$1^{\circ}4' < \sigma_D \leq 1^{\circ}8'$
14	$13''.5 < \sigma_D \leq 14''.5$	31	$1^{\circ}3' < \sigma_D \leq 1^{\circ}7'$	48	$1^{\circ}8' < \sigma_D \leq 2^{\circ}4'$
15	$14''.5 < \sigma_D \leq 15''.5$	32	$1^{\circ}7' < \sigma_D \leq 2^{\circ}11'$	49	$2^{\circ}4' < \sigma_D$
16	$15''.5 < \sigma_D \leq 16''.5$	33	$2^{\circ}11' < \sigma_D \leq 2^{\circ}17'$		

* For electronic instruments, these code numbers (2nd and 3rd digits of the index in table 6) are increased by 50.

Coordinate System and Corrections (4th digit)

Code number	Coordinate System
0	Right ascension and declination corrected for refraction or not known to be corrected.
1	Azimuth and altitude corrected for refraction.
2	Right ascension and declination not corrected for refraction.
3	Azimuth and altitude not corrected for refraction or not known to be corrected.

Equator and Equinox (5th digit)

Code number	Equator and Equinox
0	Of date given
1	1855.0
2	1875.0
3	1900.0
4	1950.0

Type of Instrumentation (6th digit)

Code number	Optical Observations	Code number	Electronic Observations
0	Naked eye and binoculars, visual.	0	Minitrack Mark 1.
1	Standard Moonwatch telescope, visual.	1	Minitrack Mark 2.
2	Apogee telescope, astronomical refractor or reflector, theodolite, visual.	2	Interferometer observations from radio observatories.
3	Baker-Nunn camera, photographic.	3	Doppler observations from radio observatories.
4	Small missile telecamera, tracking cameras with focal length 20 inches or greater, photographic.	4	Microlock.
5	Cinetheodolite, tracking cameras with focal length less than 20 inches, photographic.	5	Doppler observations from communications systems.
6	Harvard meteor camera (Super-Schmidt) photographic.	6	Doppler observations from missile ranges.
7	Stationary telescope or camera with focal length equal to or less than 10 inches, photographic.	7	Radar.
8	Stationary telescope or camera with focal length greater than 10 inches, photographic.	8	Unused digit.
9	Other instruments, or instrument unknown.	9	Miscellaneous.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90239	WOONERA'NT	4600	11 03	10 42 19.03			180	67 22 41		589300
90240	BLOSSOM PT'NT	4006	11 03	11 24 23.81			0	38 38 42		589300
90241	BLOSSOM PT'NT	4006	11 03	13 24 27.23			180	52 54 58		589300
90242	SAN DIEGO'NT	4011	11 03	15 14 08.30			0	53 21 36		589300
90243	QUITO'NT	4800	11 03	15 32 18.46			180	83 18 29		589300
90244	LIMA'NT	4801	11 03	15 33 09.37			0	58 41 06		589300
90245	SANTIAGO'NT	4802	11 03	15 39 08.80			0	35 50 06		589300
90246	SANTIAGO'NT	4802	11 03	17 45 15.05			180	67 43 16		589300
90247	JOHANNESBURG'NT	4400	11 03	18 15 07.19			180	62 21 43		589300
90248	SANTIAGO'NT	4802	11 03	19 47 22.64			180	38 16 34		589300
90249	SANTIAGO'NT	4802	11 03	21 47 30.19			180	35 08 56		589300
90250	SANTIAGO'NT	4802	11 03	23 48 20.28			180	57 35 10		589300
90251	WOONERA'NT	4600	11 04	3 04 03.91			180	85 09 54		589300
90254	WOONERA'NT	4600	11 04	7 08 14.22			180	30 38 28		589300
90255	SAN DIEGO'NT	4011	11 04	7 46 42.06			180	63 35 38		589300
30002	M. CANTON, OHIO	8359	11 04	9 52 52.9	17 20 15	73 07				845002
90256	JOHANNESBURG'NT	4400	11 04	10 37 16.62			180	53 58 26		589300
10010	WOONERA'BN, AUSTR.	9003	11 04	11 09 02.63	21 09 12	-30 50				434023
30005	ADELAIDE, AUSTR.	0600	11 04	11 09 21.2			304 15	54 05		845303
10011	WOONERA'BN, AUSTR.	9003	11 04	11 10 29.54	22 24 18	-15 57				434013
30009	WOONERA, AUSTR.	0603	11 04	11 10 34.7			330 18	71 12		845302
10012	WOONERA'BN, AUSTR.	9003	11 04	11 11 22.17	23 08 54	- 5 04				434013
30001	WICHITA, KAN.	0028	11 04	11 48 18.7	14 30 00	71 19				845002
90258	BLOSSOM PT'NT	4006	11 04	11 51 51.40			0	64 04 01		589300
90306	ANTIGUA'NT	4901	11 04	14 05 54.25			180	30 15 54		589300
90307	SAN DIEGO'NT	4011	11 04	15 42 31.67			180	77 40 19		589300
30002	LAREDO'RADAR, TEX.	4012	11 04	15 46 29			232 60	44 20	1775	895307
90309	LIMA'NT	4801	11 04	16 04 39.10			180	66 37 05		589300
90310	ANTOFAGASTA'NT	4803	11 04	16 08 44.31			180	82 40 44		589300
90259	SANTIAGO'NT	4802	11 04	18 15 49.99			180	51 36 14		589300
10001	OLIFANTSPRINT'BN.S.AF	9802	11 04	18 42 35.69	21 47 36	-21 09				434013
10002	OLIFANTSPRINT'BN.S.AF	9802	11 04	18 43 08.82	22 17 12	-14 19				434013
30003	PRETORIA, S.AFR.	8375	11 04	18 43 24.0			314 24	70 12		845303
10003	OLIFANTSPRINT'BN.S.AF	9802	11 04	18 43 50.17	22 54 54	- 4 30				434013
90311	JOHANNESBURG'NT	4400	11 04	18 44 29.30			0	58 26 31		589300
90312	SANTIAGO'NT	4802	11 04	20 14 50.74			180	35 37 23		589300
10019	AREQUIPA'BN, PERU	9807	11 05	0 19 40.00	2 08 00	-58 00				434023
90313	QUITO'NT	4800	11 05	2 18 35.50			180	29 43 52		589300
90314	WOONERA'NT	4600	11 05	3 33 23.44			180	59 51 29		589300
90315	WOONERA'NT	4600	11 05	5 35 27.93			180	34 18 32		589300
90260	WOONERA'NT	4600	11 05	7 35 39.25			180	31 50 28		589300
90261	WOONERA'NT	4600	11 05	9 36 40.66			180	51 59 49		589300
10199	WOONERA-BN, AUSTR.	9003	11 05	11 35 36.64	20 13 48	-10 21				434013
10200	WOONERA-BN, AUSTR.	9003	11 05	11 37 10.50	21 15 24	4 44				434013
10201	WOONERA-BN, AUSTR.	9003	11 05	11 39 16.56	22 37 48	23 36				434013
30006	DENVER, COLO.	8382	11 05	12 13 39.6			18 06	34 54		845303
90263	BLOSSOM PT'NT	4006	11 05	12 19 44.75			180	69 41 31		589300
90264	ANTIGUA'NT	4901	11 05	12 25 41.24			0	61 28 34		589300
90265	SAN DIEGO'NT	4011	11 05	14 09 10.06			0	31 27 14		589300
90266	PT. MYERS'NT	4021	11 05	14 22 36.43			180	33 08 38		589300
90267	SAN DIEGO'NT	4011	11 05	16 11 55.99			180	35 03 00		589300
30004	PRETORIA, S.AFR.	8375	11 05	17 11 37.4			161 36	50 36		845303
10202	OLIFANTSPRINT'BN.S.AF	9802	11 05	19 08 11.83	20 10 18	- 7 58				434013
10203	OLIFANTSPRINT'BN.S.AF	9802	11 05	19 09 07.42	20 40 24	0 33				434013
10204	OLIFANTSPRINT'BN.S.AF	9802	11 05	19 10 23.37	21 24 42	14 04				434013
10016	TOKYO'BN, JAPAN	9005	11 05	19 44 15.30	17 17 48	70 58				434013
10017	TOKYO'BN, JAPAN	9005	11 05	19 44 21.00	17 01 30	70 09				434013
10018	TOKYO'BN, JAPAN	9005	11 05	19 44 25.00	16 50 06	69 33				434013
10020	VILLA DOLORES'BN,ARG	9011	11 06	0 40 56.71	18 38 24	-27 48				434023
10021	VILLA DOLORES'BN,ARG	9011	11 06	0 44 42.51	20 49 12	- 4 49				434013
10022	VILLA DOLORES'BN,ARG	9011	11 06	0 45 29.06	21 17 42	2 08				434013
10023	VILLA DOLORES'BN,ARG	9011	11 06	0 46 00.25	21 40 24	7 33				434013
90270	PT. MYERS'NT	4021	11 06	4 51 10.94			0	45 03 32		589300
90275	JOHANNESBURG'NT	4400	11 06	9 30 19.19			180	71 57 54		589300
90277	BLOSSOM PT'NT	4006	11 06	10 47 20.19			0	41 24 47		589300
10014	WOONERA'BN, AUSTR.	9003	11 06	12 03 46.11	20 34 54	15 56				434013
10015	WOONERA'BN, AUSTR.	9003	11 06	12 05 10.18	21 14 00	27 05				434013
90278	PT. MYERS'NT	4021	11 06	12 46 41.53			0	59 20 20		589300
90279	BLOSSOM PT'NT	4006	11 06	12 48 30.86			180	33 26 56		589300
90280	ANTIGUA'NT	4901	11 06	12 55 57.63			180	54 08 13		589300
90281	SAN DIEGO'NT	4011	11 06	14 37 10.42			0	63 46 30		589300
90282	QUITO'NT	4800	11 06	14 55 47.12			180	64 52 52		589300
90283	LIMA'NT	4801	11 06	14 56 41.04			0	75 42 58		589300
90284	JOHANNESBURG'NT	4400	11 06	17 38 17.88			180	78 23 31		589300
10005	OLIFANTSPRINT'BN.S.AF	9802	11 06	17 38 49.00	22 59 12	-32 11				434023
10006	OLIFANTSPRINT'BN.S.AF	9802	11 06	17 40 19.20	0 07 48	-12 05				434013
10007	TOKYO'BN, JAPAN	9005	11 06	20 11 15.80	15 29 12	77 53				434013
10008	TOKYO'BN, JAPAN	9005	11 06	20 11 25.70	14 59 42	74 58				434013
30008	HITAKA, JAPAN	0229	11 06	20 11 43.0			25 12	33 36		845302
10009	TOKYO'BN, JAPAN	9005	11 06	20 12 04.70	14 08 00	62 27				434013
90285	ANTOFAGASTA'NT	4803	11 07	1 16 12.52			0	27 32 38		589300
90286	WOONERA'NT	4600	11 07	4 29 51.76			180	38 03 32		589300
90287	BLOSSOM PT'NT	4006	11 07	5 20 19.42			0	58 46 08		589300
90288	SAN DIEGO'NT	4011	11 07	7 10 05.36			0	76 12 32		589300
90289	JOHANNESBURG'NT	4400	11 07	7 51 56.31			0	37 22 41		589300
90290	WOONERA'NT	4600	11 07	8 11 03.45			180	43 43 37		589300
90291	JOHANNESBURG'NT	4400	11 07	9 59 45.36			180	48 02 46		589300
10024	WOONERA'BN, AUSTR.	9003	11 07	10 31 11.35	20 11 48	-24 57				434023
10025	WOONERA'BN, AUSTR.	9003	11 07	10 32 32.71	21 12 24	-13 07				434013
90292	WOONERA'NT	4600	11 07	10 34 39.83			0	49 02 24		589300

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90226	WOONERA'BN, AUSTR.	9003	11 07	10 35 17.86	23 07 24	19 23				434013
90293	BLOSSOM PT'MT	4006	11 07	11 14 51.74			0	76 18 43		589300
90294	PT. MYERS'MT	4021	11 07	13 15 53.73			180	58 10 08		589300
90296	ANTOFAGASTA'MT	4803	11 07	15 31 39.04			180	70 46 26		589300
90298	JOHANNESBURG'MT	4400	11 07	18 07 58.56			0	42 11 20		589300
90299	SANTIAGO'MT	4802	11 07	21 37 19.42			180	42 51 04		589300
90300	SANTIAGO'MT	4802	11 07	23 39 55.71			0	76 52 08		589300
90301	WOONERA'MT	4600	11 08	0 49 04.26			0	41 54 04		589300
90302	ANTIGUA'MT	4901	11 08	1 30 09.27			180	60 39 43		589300
90303	PT. MYERS'MT	4021	11 08	3 46 06.52			180	56 50 06		589300
10027	WOONERA'BN, AUSTR.	9003	11 08	10 36 58.07	19 14 12	-11 47				434013
90305	PT. MYERS'MT	4021	11 08	11 41 25.70			0	30 34 34		589300
90001	BLOSSOM PT'MT	4006	11 08	11 42 55.81			180	52 52 59		589300
90002	LIMA'MT	4801	11 08	13 48 53.89			0	37 03 32		589300
90003	ANTOFAGASTA'MT	4803	11 08	16 01 16.97			180	45 26 28		589300
90004	JOHANNESBURG'MT	4400	11 08	18 32 08.15			180	53 57 47		589300
90005	SANTIAGO'MT	4802	11 08	20 04 17.38			180	36 35 31		589300
90007	SANTIAGO'MT	4802	11 08	22 05 16.73			180	53 58 59		589300
90009	SANTIAGO'MT	4802	11 09	0 09 29.03			0	32 52 34		589300
90010	ANTOFAGASTA'MT	4803	11 09	0 09 40.77			0	67 31 34		589300
90011	WOONERA'MT	4600	11 09	1 19 37.71			0	80 58 59		589300
90012	PT. MYERS'MT	4021	11 09	4 14 30.66			0	29 05 20		589300
10028	SAN FERNANDO'BN, SP.	9004	11 09	4 30 43.50	14 51 36	59 43				434013
10029	SAN FERNANDO'BN, SP.	9004	11 09	4 30 45.50	14 48 30	59 14				434013
90015	WOONERA'MT	4600	11 09	9 28 17.59			0	84 46 01		589300
10030	ORGAN PASS'BN, N.M.	9001	11 09	12 02 53.58	19 23 00	78 46				434013
10031	ORGAN PASS'BN, N.M.	9001	11 09	12 03 41.35	15 33 00	73 13				434013
90017	PT. MYERS'MT	4021	11 09	12 09 53.07			0	77 28 26		589300
90019	QUITO'MT	4800	11 09	14 19 12.67			180	48 47 42		589300
90020	LIMA'MT	4801	11 09	14 20 06.17			180	85 30 36		589300
90021	SANTIAGO'MT	4802	11 09	14 23 55.49			0	45 00 04		589300
90024	SANTIAGO'MT	4802	11 09	16 29 52.61			180	36 45 58		589300
90025	JOHANNESBURG'MT	4400	11 09	17 01 26.46			0	83 56 20		589300
10063	VILLA DOLORES'BN, ARG	9011	11 10	0 34 06.64	19 51 48	13 56				434013
10064	VILLA DOLORES'BN, ARG	9011	11 10	0 35 55.47	20 35 36	27 01				434013
90026	LIMA'MT	4801	11 10	0 36 18.76			180	69 45 36		589300
90027	WOONERA'MT	4600	11 10	1 49 11.65			180	67 46 23		589300
90028	BLOSSOM PT'MT	4006	11 10	4 43 23.26			0	42 40 34		589300
90029	BLOSSOM PT'MT	4006	11 10	10 37 50.98			180	86 16 13		589300
30011	CHINA LAKE, CAL.	0098	11 10	12 27 35.2			0 00 00	28 45 00		641303
10032	ORGAN PASS'BN, N.M.	9001	11 10	12 31 41.00	11 55 06	48 36				434013
90030	PT. MYERS'MT	4021	11 10	12 39 16.03			180	40 51 11		589300
90031	SANTIAGO'MT	4802	11 10	14 54 10.24			0	82 08 55		589300
10038	TOKYO'BN, JAPAN	9005	11 10	20 00 49.50	7 34 24	65 34				434013
30026	MITAKA, JAPAN	0229	11 10	20 01 30.6			34 42	69 06		845303
10039	TOKYO'BN, JAPAN	9005	11 10	20 01 42.40	10 13 00	46 46				434013
90032	ANTOFAGASTA'MT	4803	11 10	23 05 05.79			180	72 13 52		589300
10040	RAINI TAL'BN, INDIA	9006	11 10	23 47 03.18	13 40 06	65 51				434013
10041	RAINI TAL'BN, INDIA	9006	11 10	23 48 00.89	13 18 54	47 30				434013
90033	QUITO'MT	4800	11 11	1 05 48.50			180	71 45 40		589300
90034	PT. MYERS'MT	4021	11 11	3 09 27.70			0	84 08 46		589300
90035	JOHANNESBURG'MT	4400	11 11	7 45 49.15			180	85 46 55		589300
90036	WOONERA'MT	4600	11 11	8 21 58.80			180	69 32 46		589300
90037	PT. MYERS'MT	4021	11 11	11 04 28.23			0	37 38 10		589300
30012	CHINA LAKE, CAL.	8588	11 11	12 55 03.3			0 08 24	59 49 12		845303
90039	SAN DIEGO'MT	4011	11 11	12 55 16.27			0	42 46 19		589300
90040	JOHANNESBURG'MT	4400	11 11	15 34 55.51			180	64 55 41		589300
90041	SANTIAGO'MT	4802	11 11	21 27 38.96			180	60 21 25		589300
10050	CURACAO'BN, N.W.I.	9009	11 11	23 38 16.47	1 54 36	-38 21				434023
10042	RAINI TAL'BN, INDIA	9006	11 12	0 12 29.51	4 43 00	69 04				434013
10043	RAINI TAL'BN, INDIA	9006	11 12	0 15 13.82	11 22 12	25 29				434013
90042	WOONERA'MT	4600	11 12	0 42 18.53			180	87 53 10		589300
10049	SHIRAZ'BN, IRAN	9008	11 12	2 07 06.24	9 38 00	45 00				434013
90043	BLOSSOM PT'MT	4006	11 12	3 38 55.47			0	87 45 40		589300
90044	WOONERA'MT	4600	11 12	8 51 13.31			0	70 39 43		589300
90045	BLOSSOM PT'MT	4006	11 12	9 33 07.96			0	55 30 47		589300
10034	ORGAN PASS'BN, N.M.	9001	11 12	11 26 45.64	13 50 00	68 00				434013
10035	ORGAN PASS'BN, N.M.	9001	11 12	11 27 41.73	13 06 24	48 50				434013
30014	CINCINNATI, OHIO	0050	11 12	11 29 45	6 59 24	- 5 16				845804
90046	PT. MYERS'MT	4021	11 12	11 33 04.58			180	77 57 58		589300
90048	LIMA'MT	4801	11 12	13 43 16.57			180	67 49 01		589300
10046	AREQUIPA'BN, PERU	9007	11 12	23 58 31.30	20 03 42	- 1 39				434013
10047	AREQUIPA'BN, PERU	9007	11 13	0 00 40.66	21 20 12	23 54				434013
90050	WOONERA'MT	4600	11 13	1 11 29.83			180	60 46 44		589300
90051	PT. MYERS'MT	4021	11 13	2 03 54.07			180	38 31 34		589300
90052	SAN DIEGO'MT	4011	11 13	5 56 21.54			0	34 46 50		589300
90054	BLOSSOM PT'MT	4006	11 13	10 00 48.43			180	65 15 50		589300
90056	SANTIAGO'MT	4802	11 13	14 16 42.37			180	87 35 49		589300
90057	JOHANNESBURG'MT	4400	11 13	14 48 28.34			180	48 19 23		589300
10052	MAUI'BN, HAWAII	9012	11 13	15 42 07.85	11 49 06	63 19				434013
10053	MAUI'BN, HAWAII	9012	11 13	15 43 23.70	12 20 48	38 13				434013
10056	TOKYO'BN, JAPAN	9005	11 13	19 23 46.30	7 29 54	47 56				434013
30027	MITAKA, JAPAN	0229	11 13	19 24 06.7			39 54	84 12		845302
90059	ANTOFAGASTA'MT	4803	11 13	22 26 01.79			180	88 24 43		589300
10045	RAINI TAL'BN, INDIA	9006	11 13	23 10 01.16	12 25 24	57 34				434013
90060	WOONERA'MT	4600	11 13	23 35 04.46			0	63 55 12		589300
90061	QUITO'MT	4800	11 14	0 29 15.68			0	77 14 42		589300
90062	PT. MYERS'MT	4021	11 14	2 32 37.86			0	53 54 50		589300
90063	BLOSSOM PT'MT	4006	11 14	2 34 06.15			180	44 19 52		589300

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90064	SAN DIEGO'MT	4011	11 14	4 25 00.50			180	50 19 18		589500
90065	WOONERA'MT	4006	11 14	7 46 30.47			180	60 01 48		589500
90066	BLOSSOM PT'MT	4006	11 14	8 28 37.73			0	52 25 26		589500
10060	JUPITER'BN, FLA.	9010	11 14	10 27 30.08	6 58 42	62 15				434013
10061	JUPITER'BN, FLA.	9010	11 14	10 28 24.98	9 22 42	48 24				434013
10062	JUPITER'BN, FLA.	9010	11 14	10 29 37.98	11 02 42	10 18				434013
90067	ANTIGUA'MT	4901	11 14	10 36 46.38			180	50 00 42		589500
90068	SAN DIEGO'MT	4011	11 14	12 16 07.23			0	54 23 42		589500
10094	ORGAN PASS'BN, N.M.	9001	11 14	12 19 03.10	4 39 06	32 35				434013
10095	ORGAN PASS'BN, N.M.	9001	11 14	12 21 49.30	9 11 48	- 6 38				434013
90069	QUITO'MT	4800	11 14	12 34 30.17			180	64 36 00		589500
90070	LIMA'MT	4801	11 14	12 35 30.98			0	68 25 48		589500
90071	SANTIAGO'MT	4802	11 14	14 45 36.26			180	62 36 50		589500
90072	JOHANNESBURG'MT	4400	11 14	15 17 36.82			180	77 34 05		589500
10029	KONKO, JAPAN	0224	11 14	19 30 09	8 12	21				845002
10057	TOKYO'BN, JAPAN	9805	11 14	19 50 40.90	6 40 24	2 13				434013
10028	MITAKA, JAPAN	0229	11 14	19 50 45.5			223 00	46 48		845303
90073	SANTIAGO'MT	4802	11 14	20 49 52.78			180	67 38 35		589500
90074	WOONERA'MT	4400	11 15	0 04 44.16			180	77 41 20		589500
10063	SHIRAZ'BN, IRAN	9808	11 15	1 29 26.18	7 58 54	34 10				434013
10064	SHIRAZ'BN, IRAN	9808	11 15	1 29 53.77	8 50 48	23 30				434013
90075	BLOSSOM PT'MT	4006	11 15	3 01 46.93			0	63 54 14		589500
90076	SAN DIEGO'MT	4011	11 15	4 51 25.49			0	81 11 31		589500
10071	SAN FERNANDO'BN, SP.	9004	11 15	5 13 24.50	6 39 18	7 59				434013
10072	SAN FERNANDO'BN, SP.	9004	11 15	5 13 28.50	6 46 36	6 54				434013
90078	JOHANNESBURG'MT	4400	11 15	7 37 40.80			180	47 57 47		589500
90079	WOONERA'MT	4400	11 15	8 14 02.16			0	57 42 47		589500
90080	BLOSSOM PT'MT	4006	11 15	8 55 53.57			0	69 52 16		589500
10069	JUPITER'BN, FLA.	9010	11 15	10 34 09.61	5 49 34	17 38				434013
10070	JUPITER'BN, FLA.	9010	11 15	10 35 07.03	7 07 06	3 52				434013
90081	FT. MYERS'MT	4021	11 15	10 56 10.73			180	53 11 49		589500
90082	SAN DIEGO'MT	4011	11 15	12 46 19.27			180	52 48 11		589500
90083	ANTOFAGASTA'MT	4803	11 15	13 09 47.34			180	72 20 46		589500
90084	JOHANNESBURG'MT	4400	11 15	13 42 04.01			180	38 56 20		589500
90085	JOHANNESBURG'MT	4400	11 15	15 47 32.37			0	51 57 18		589500
10078	CURACAO'BN, N.W.I.	9009	11 15	23 28 52.56	23 48 18	-11 49				434013
10075	MAINI TAL'BN, INDIA	9004	11 16	0 02 59.16	6 19 36	3 38				434013
10076	SAN FERNANDO'BN, SP.	9004	11 16	5 39 24.40	5 23 30	- 7 33				434013
10077	SAN FERNANDO'BN, SP.	9004	11 16	5 40 19.10	6 16 42	-16 09				434013
90086	JOHANNESBURG'MT	4400	11 16	6 01 11.85			0	75 26 42		589500
90089	BLOSSOM PT'MT	4006	11 16	9 23 38.45			180	45 35 24		589500
90090	ANTIGUA'MT	4901	11 16	9 29 12.28			0	74 52 41		589500
10019	PUEBLA, MEX.	0900	11 16	11 19 07.2	9 33 36	70 25				845043
10017	WALNUT CREEK, CAL.	8535	11 16	13 10 25.3	6 14 15	-16 27				845003
10018	WALNUT CREEK, CAL.	8535	11 16	13 11 03.6	6 54 30	-22 33				845003
90091	SANTIAGO'MT	4802	11 16	13 38 57.56			180	78 16 26		589500
90093	WOONERA'MT	4600	11 16	22 57 40.91			0	76 07 48		589500
90095	ANTIGUA'MT	4901	11 16	23 59 59.96			0	35 21 58		589500
10020	PUEBLA, MEX.	0900	11 17	1 49 33.4	23 08 42	4 46				845043
90096	FT. MYERS'MT	4021	11 17	1 55 31.76			0	38 04 26		589500
90098	FT. MYERS'MT	4021	11 17	9 30 20.44			0	69 34 03		589500
90099	SAN DIEGO'MT	4011	11 17	11 40 56.52			0	75 22 16		589500
10021	PUEBLA, MEX.	0900	11 17	11 47 46.7	8 58 36	- 4 15				845043
10022	PUEBLA, MEX.	0900	11 17	11 47 58.6	9 14 12	- 8 33				845043
90100	LIMA'MT	4801	11 17	11 58 43.33			0	89 51 04		589500
90102	SANTIAGO'MT	4802	11 17	14 07 31.84			180	56 55 40		589500
90103	JOHANNESBURG'MT	4400	11 17	14 40 11.90			0	88 30 32		589500
90104	SANTIAGO'MT	4802	11 17	20 11 59.02			180	75 30 43		589500
90107	LIMA'MT	4801	11 17	22 15 24.94			180	69 34 37		589500
90109	FT. MYERS'MT	4021	11 18	0 20 48.77			180	29 54 07		589500
90111	BLOSSOM PT'MT	4006	11 18	2 24 25.81			0	49 38 54		589500
90112	JOHANNESBURG'MT	4400	11 18	4 53 45.92			0	39 34 59		589500
10080	MAUI'BN, HAWAII	9012	11 18	6 01 23.63	20 39 48	24 26				434023
90114	BLOSSOM PT'MT	4006	11 18	8 18 34.23			180	87 53 49		589500
10082	JUPITER'BN, FLA.	9010	11 18	10 16 54.35	5 29 30	- 0 30				434013
10083	JUPITER'BN, FLA.	9010	11 18	10 18 04.41	6 51 24	-17 06				434013
90115	FT. MYERS'MT	4021	11 18	10 19 13.30			180	34 21 18		589500
10084	JUPITER'BN, FLA.	9010	11 18	10 19 28.73	8 19 54	-31 52				434023
90117	SANTIAGO'MT	4802	11 18	12 32 03.38			0	77 31 05		589500
90118	JOHANNESBURG'MT	4400	11 18	15 10 27.25			0	39 49 05		589500
90119	ANTOFAGASTA'MT	4803	11 18	20 41 27.78			180	71 50 50		589500
90120	QUITO'MT	4800	11 18	22 45 11.40			180	71 03 04		589500
90121	FT. MYERS'MT	4021	11 19	0 49 58.15			0	89 13 59		589500
90122	JOHANNESBURG'MT	4400	11 19	5 23 49.25			180	89 33 18		589500
90123	BLOSSOM PT'MT	4006	11 19	8 46 26.20			180	30 29 10		589500
90124	ANTIGUA'MT	4901	11 19	8 52 15.26			180	73 21 25		589500
90125	SAN DIEGO'MT	4011	11 19	10 35 52.72			0	32 50 38		589500
90126	QUITO'MT	4800	11 19	10 50 38.19			0	86 36 50		589500
90127	JOHANNESBURG'MT	4400	11 19	13 32 57.23			180	65 00 14		589500
90128	SANTIAGO'MT	4802	11 19	19 05 17.98			180	60 49 26		589500
90129	WOONERA'MT	4600	11 19	22 20 06.61			0	88 32 13		589500
10086	JUPITER'BN, FLA.	9010	11 19	23 17 56.00	23 47 12	-28 01				434023
10081	CURACAO'BN, N.W.I.	9009	11 19	23 18 38.78	20 43 00	46 08				434013
10087	JUPITER'BN, FLA.	9010	11 19	23 20 38.47	1 48 12	- 2 02				434013
10079	ORGAN PASS'BN, N.M.	9001	11 20	1 13 30.90	1 08 18	-17 02				434013
90130	BLOSSOM PT'MT	4006	11 20	1 19 34.81			180	89 07 41		589500
90131	SAN DIEGO'MT	4011	11 20	3 08 49.88			180	69 24 32		589500
90132	JOHANNESBURG'MT	4400	11 20	5 53 05.78			180	53 54 22		589500
90133	BLOSSOM PT'MT	4006	11 20	7 13 47.79			0	46 28 26		589500
10080	TOKYO'BN, JAPAN	9005	11 20	8 45 42.10	1 47 54	-12 20				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90134	FT. MYERS'MT	4021	11 20	9 13 13.11			180	78 50 42		589300
90135	LIMA'MT	4801	11 20	11 21 39.33			180	68 42 25		589300
90136	ANTOPAGASTA'MT	4803	11 20	11 25 09.85			180	89 52 55		589300
90138	JOHANNESBURG'MT	4400	11 20	14 02 45.63			0	74 17 13		589300
90139	SANTIAGO'MT	4802	11 20	19 34 03.04			180	84 14 31		589300
90140	WOOMERA'MT	4600	11 20	22 48 59.84			180	60 34 05		589300
90141	FT. MYERS'MT	4021	11 20	23 43 47.17			180	44 54 07		589300
10091	JUPITER'BN, FLA.	9010	11 20	23 46 31.33	0 35 00	15 24				434013
10092	JUPITER'BN, FLA.	9010	11 20	23 47 27.77	1 51 06	26 47				434013
90142	BLOSSOM PT'MT	4006	11 21	1 46 56.34			0	41 28 37		589300
90143	SAN DIEGO'MT	4011	11 21	3 36 49.96			0	44 48 54		589300
90144	JOHANNESBURG'MT	4400	11 21	4 16 37.63			0	51 59 31		589300
10093	MAUI'BN, HAWAII	9012	11 21	5 24 27.41	20 02 00	48 47				434013
90145	BLOSSOM PT'MT	4006	11 21	7 41 13.95			180	61 25 19		589300
90146	ANTIGUA'MT	4901	11 21	7 46 08.27			0	39 42 43		589300
10090	TOKYO'BN, JAPAN	9005	11 21	9 11 35.80	1 01 24	- 4 40				434013
90147	SAN DIEGO'MT	4011	11 21	11 32 10.60			180	21 58 16		589300
90148	SANTIAGO'MT	4802	11 21	11 54 22.69			0	89 00 50		589300
90149	JOHANNESBURG'MT	4400	11 21	12 25 54.76			180	49 16 34		589300
10094	MAUI'BN, HAWAII	9012	11 21	15 22 37.86	6 49 12	-42 51				434023
90151	ANTOPAGASTA'MT	4803	11 21	20 03 52.78			180	84 19 37		589300
90152	QUITO'MT	4800	11 21	22 08 11.95			0	85 21 11		589300
90153	ANTIGUA'MT	4901	11 21	22 16 45.93			0	61 00 32		589300
10096	JUPITER'BN, FLA.	9010	11 22	0 11 35.27	20 31 54	21 41				434013
10097	JUPITER'BN, FLA.	9010	11 22	0 12 23.96	21 15 00	39 04				434013
90154	FT. MYERS'MT	4021	11 22	0 12 44.02			0	65 08 42		589300
10098	JUPITER'BN, FLA.	9010	11 22	0 13 38.43	23 42 54	63 22				434013
90155	BLOSSOM PT'MT	4006	11 22	0 14 19.91			180	51 03 18		589300
90156	SAN DIEGO'MT	4011	11 22	2 02 52.78			180	37 13 44		589300
10095	ORGAN PASS'BN, N.M.	9001	11 22	2 06 47.10	23 10 12	36 54				434013
90157	JOHANNESBURG'MT	4400	11 22	4 46 17.85			180	75 13 30		589300
90158	ANTIGUA'MT	4901	11 22	8 15 18.29			180	45 11 28		589300
90159	SAN DIEGO'MT	4011	11 22	9 58 30.61			0	44 01 52		589300
90047	SANTIAGO'MT	4802	11 22	12 23 01.26			180	62 15 43		589300
90161	JOHANNESBURG'MT	4400	11 22	12 55 09.42			180	75 17 31		589300
10099	NAINI TAL'BN, INDIA	9006	11 22	13 21 42.67	22 38 24	37 03				434013
90162	SANTIAGO'MT	4802	11 22	18 27 04.37			180	66 45 36		589300
90163	LIMA'MT	4801	11 22	20 30 20.62			180	53 59 31		589300
30025	MILWAUKEE, WISC.	0198	11 23	0 38 55.8	22 47	-17 00				641013
10102	JUPITER'BN, FLA.	9010	11 23	0 39 44.00	18 31 12	64 30				434013
90164	BLOSSOM PT'MT	4006	11 23	0 42 05.27			0	72 15 25		589300
90165	SAN DIEGO'MT	4011	11 23	2 31 29.29			0	86 54 53		589300
10100	ORGAN PASS'BN, N.M.	9001	11 23	2 32 32.00	19 30 30	40 51				434013
90166	JOHANNESBURG'MT	4400	11 23	5 15 11.84			180	44 10 05		589300
90167	BLOSSOM PT'MT	4006	11 23	6 36 19.81			0	62 07 52		589300
90168	FT. MYERS'MT	4021	11 23	8 36 06.12			180	47 49 44		589300
90169	SAN DIEGO'MT	4011	11 23	10 26 26.84			180	47 08 49		589300
90171	JOHANNESBURG'MT	4400	11 23	13 25 19.12			0	60 49 34		589300
90172	SANTIAGO'MT	4802	11 23	18 54 05.97			0	86 11 42		589300
90173	LIMA'MT	4801	11 23	21 01 05.42			0	72 08 04		589300
90174	ANTIGUA'MT	4901	11 23	21 09 56.28			180	65 26 17		589300
90175	FT. MYERS'MT	4021	11 23	23 06 35.75			180	64 25 55		589300
10105	JUPITER'BN, FLA.	9010	11 23	23 06 53.39	21 27 48	2 13				434013
10106	JUPITER'BN, FLA.	9010	11 23	23 08 25.38	23 13 36	25 58				434013
90176	BLOSSOM PT'MT	4006	11 23	23 08 32.23			180	30 53 35		589300
10107	JUPITER'BN, FLA.	9010	11 23	23 10 30.15	2 19 42	43 30				434013
30032	PUEBLA, MEX.	0900	11 24	1 04 04.5	6 50 00	87 00				845043
90177	JOHANNESBURG'MT	4400	11 24	3 39 20.46			0	67 22 08		589300
90178	WOOMERA'MT	4600	11 24	4 14 52.87			180	61 01 23		589300
90179	BLOSSOM PT'MT	4006	11 24	7 03 52.69			180	39 48 18		589300
90180	ANTIGUA'MT	4901	11 24	7 09 01.87			0	63 23 17		589300
10103	TOKYO'BN, JAPAN	9005	11 24	8 33 40.30	0 09 12	4 36				434013
90181	SANTIAGO'MT	4802	11 24	11 16 34.03			180	79 53 06		589300
10104	NAINI TAL'BN, INDIA	9006	11 24	14 14 34.83	17 37 48	52 19				434013
90183	ANTOPAGASTA'MT	4803	11 24	19 26 17.26			0	81 51 58		589300
90184	WOOMERA'MT	4600	11 24	20 35 38.10			0	69 00 04		589300
90185	ANTIGUA'MT	4901	11 24	21 39 30.56			0	45 03 04		589300
90186	FT. MYERS'MT	4021	11 24	23 35 19.52			0	49 44 44		589300
90187	BLOSSOM PT'MT	4006	11 24	23 36 51.14			180	68 53 02		589300
90188	SAN DIEGO'MT	4011	11 25	1 25 34.41			180	52 34 44		589300
30033	DALLAS, TEX.	0129	11 25	1 30 52.2	19 09 36	65 48				845013
90189	JOHANNESBURG'MT	4400	11 25	4 08 37.89			180	62 24 25		589300
90190	WOOMERA'MT	4600	11 25	4 43 57.72			180	87 23 13		589300
90191	BLOSSOM PT'MT	4006	11 25	5 31 38.31			0	32 23 24		589300
90192	FT. MYERS'MT	4021	11 25	7 30 26.03			0	58 27 11		589300
90193	SAN DIEGO'MT	4011	11 25	9 21 07.54			0	65 29 17		589300
90194	LIMA'MT	4801	11 25	9 37 23.41			0	82 47 20		589300
90195	JOHANNESBURG'MT	4400	11 25	12 17 21.13			180	66 49 01		589300
10110	NAINI TAL'BN, INDIA	9006	11 25	12 42 46.64	20 13 54	27 19				434013
90196	SANTIAGO'MT	4802	11 25	17 48 49.93			180	73 26 38		589300
10108	SAN FERNANDO'BN, SP.	9004	11 25	18 22 50.70	23 00 18	18 37				434013
90197	LIMA'MT	4801	11 25	19 52 51.86			180	67 20 10		589300
90198	ANTIGUA'MT	4901	11 25	20 02 19.21			180	34 59 10		589300
90199	WOOMERA'MT	4600	11 25	21 04 33.56			180	68 34 52		589300
90200	FT. MYERS'MT	4021	11 25	21 59 42.29			180	35 17 35		589300
30035	N. CANTON, OHIO	8559	11 26	0 03 18.1	22 48 53	28 36				845033
90201	BLOSSOM PT'MT	4006	11 26	0 04 27.33			0	59 53 24		589300
90202	BLOSSOM PT'MT	4006	11 26	5 58 50.52			0	88 02 10		589300
90203	SANTIAGO'MT	4802	11 26	10 09 57.53			0	70 47 35		589300
90205	JOHANNESBURG'MT	4400	11 26	12 47 52.74			0	48 46 52		589300

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10111	MAINI TAL'BN, INDIA	9006	11 26	13 10 28.23	18 22 00	60 54				434013
90207	SANTIAGO'MT	4802	11 26	18 18 08.95			0	76 09 50		589300
90209	FT. MYERS'MT	4021	11 26	22 29 14.36			180	86 07 05		589300
90210	BLOSSOM PT'MT	4006	11 27	0 31 34.47			0	34 00 50		589300
30040	WALNUT CREEK, CAL.	8539	11 27	2 20 16.3	22 32 00	44 36				845034
30041	WALNUT CREEK, CAL.	8539	11 27	2 20 16.8	22 34 45	44 31				845034
90211	JOHANNESBURG'MT	4400	11 27	3 01 55.43			0	85 04 41		589300
90212	WOONERA'MT	4600	11 27	3 36 36.29			180	67 24 47		589300
10109	TOKYO'BN, JAPAN	9005	11 27	9 53 11.30	17 34 00	61 23				434013
90214	SANTIAGO'MT	4802	11 27	16 41 53.88			180	59 32 24		589300
30038	WALNUT CREEK, CAL.	8539	11 28	2 46 23.5	19 22 45	55 04				845003
90216	WOONERA'MT	4600	11 28	4 05 58.93			0	82 17 46		589300
90217	FT. MYERS'MT	4021	11 28	6 53 09.78			180	82 40 55		589300
10115	TOKYO'BN, JAPAN	9005	11 28	8 21 55.00	21 21 48	42 03				434013
90218	ANTOFAGASTA'MT	4803	11 28	9 03 24.93			0	84 10 26		589300
90219	JOHANNESBURG'MT	4400	11 28	11 39 33.75			0	80 50 56		589300
90220	ANTIGUA'MT	4901	11 28	19 25 06.08			180	48 09 36		589300
90221	WOONERA'MT	4600	11 28	20 26 36.77			180	58 54 04		589300
10118	JUPITER'BN, FLA.	9010	11 28	23 21 39.90	17 17 42	34 19				434013
10119	JUPITER'BN, FLA.	9010	11 28	23 23 06.07	17 06 00	54 08				434013
10116	ORGAN PASS'BN, N.M.	9001	11 29	1 17 26.89	17 45 06	61 58				434013
30042	DENVER, COLO.	8592	11 29	1 19 32.4			0 00	58 45 00		845303
90224	SANTIAGO'MT	4802	11 29	17 40 12.83			0	65 58 48		589300
90225	ANTOFAGASTA'MT	4803	11 29	17 40 26.41			180	79 54 29		589300
10120	SAN FERNANDO'BN, SP.	9004	11 29	18 10 57.80	19 28 48	46 32				434013
90226	ANTIGUA'MT	4901	11 29	19 55 20.92			0	71 42 25		589300
90227	FT. MYERS'MT	4021	11 29	21 51 43.25			0	74 50 24		589300
90228	BLOSSOM PT'MT	4006	11 29	21 53 30.26			180	56 14 56		589300
10122	ORGAN PASS'BN, N.M.	9001	11 30	1 43 37.76	16 37 48	54 32				434013
90230	WOONERA'MT	4600	11 30	2 58 20.19			180	11 07		589300
90231	ANTIGUA'MT	4901	11 30	5 54 50.93			180	40 07 26		589300
90232	QUITO'MT	4800	11 30	7 52 45.77			180	64 21 14		589300
10121	AREQUIPA'BN, PERU	9007	11 30	7 56 53.56	8 32 30	- 4 28				434013
90233	SANTIAGO'MT	4802	11 30	10 00 37.41			180	60 26 17		589300
90234	JOHANNESBURG'MT	4400	11 30	10 31 33.14			180	72 00 07		589300
90235	SANTIAGO'MT	4802	11 30	16 03 25.61			180	64 33 18		589300
10124	SAN FERNANDO'BN, SP.	9004	11 30	18 58 27.60	17 22 24	70 39				434013
90236	WOONERA'MT	4600	11 30	19 20 19.41			180	81 33 00		589300
90237	FT. MYERS'MT	4021	11 30	22 20 02.99			0	74 22 37		589300
90317	SAN DIEGO'MT	4011	12 01	0 10 29.30			180	88 22 05		589300
10125	OLIFANTS'BN, S.AF	9002	12 01	0 51 32.44	9 34 00	24 35				434013
90318	JOHANNESBURG'MT	4400	12 01	2 52 57.33			180	42 26 06		589300
90320	FT. MYERS'MT	4021	12 01	6 15 54.42			180	64 21 29		589300
10131	TOKYO'BN, JAPAN	9005	12 01	9 42 09.30	15 38 36	64 08				434013
90321	JOHANNESBURG'MT	4400	12 01	11 01 48.08			0	68 22 48		589300
10126	WOONERA'BN, AUSTR.	9003	12 01	17 48 28.10	10 05 30	8 43				434013
10127	SAN FERNANDO'BN, SP.	9004	12 01	19 05 22.70	15 10 24	71 02				434013
90323	FT. MYERS'MT	4021	12 01	20 44 56.04			180	64 59 31		589300
90325	BLOSSOM PT'MT	4006	12 01	22 48 48.18			0	47 20 20		589300
90326	SAN DIEGO'MT	4011	12 02	0 58 31.32			0	48 07 59		589300
30079	MADISON, WISC.	0148	12 02	0 44 09.15	18 42 00	72 18				845042
30080	MADISON, WISC.	0148	12 02	0 44 13.3	18 42 00	74 00				845042
90329	BLOSSOM PT'MT	4006	12 02	4 43 50.04			180	38 55 52		589300
90328	ANTIGUA'MT	4901	12 02	4 48 45.96			0	50 07 08		589300
10132	VILLA DOLORES'BN, ARG	9011	12 02	6 56 50.52	10 07 48	13 18				434013
90331	WOONERA'MT	4600	12 02	18 13 54.24			0	58 56 46		589300
90332	ANTIGUA'MT	4901	12 02	19 17 48.64			0	56 24 07		589300
90333	BLOSSOM PT'MT	4006	12 02	21 15 44.47			180	70 59 06		589300
90334	BLOSSOM PT'MT	4006	12 02	23 15 44.33			0	32 02 17		589300
90335	BLOSSOM PT'MT	4006	12 03	3 11 35.36			0	33 42 36		589300
90336	FT. MYERS'MT	4021	12 03	5 10 17.04			0	48 50 31		589300
90337	LIMA'MT	4801	12 03	7 16 16.82			0	71 41 42		589300
10133	VILLA DOLORES'BN, ARG	9011	12 03	7 23 21.29	9 19 24	- 6 30				434013
90339	JOHANNESBURG'MT	4400	12 03	9 53 26.84			180	82 01 26		589300
90340	SANTIAGO'MT	4802	12 03	15 24 56.89			180	70 25 23		589300
90341	LIMA'MT	4801	12 03	17 29 03.53	0 02 05	-33 49				589300
80037	LIMA'MT	4801	12 03	17 29 04	0 07 21	-44 39				589300
80038	ANTIGUA'MT	4901	12 03	17 59 02	1 86 60	-81 72				589300
10130	SAN FERNANDO'BN, SP.	9004	12 03	18 00 08.00	16 45 12	67 31				434013
10128	WOONERA'BN, AUSTR.	9003	12 03	18 41 24.23	7 15 30	-39 35				434023
90342	WOONERA'MT	4600	12 03	18 42 28.63			180	67 40 59		589300
80039	WOONERA'MT	4600	12 03	18 42 29	0 05 20	-37 93				589300
90343	FT. MYERS'MT	4021	12 03	19 37 14.70			180	38 12 40		589300
80040	FT MYERS'MT	4021	12 03	19 37 15	0 04 66	-78 54				589300
90344	FT. MYERS'MT	4021	12 03	21 42 09.92			0	30 23 10		589300
80041	FT MYERS'MT	4021	12 03	21 42 10	0 02 12	+86 27				589300
90345	BLOSSOM PT'MT	4006	12 03	21 43 31.59			0	69 07 41		589300
90346	JOHANNESBURG'MT	4400	12 04	2 14 57.11			180	34 53 35		589300
80044	JOHANNESBURG'MT	4400	12 04	2 14 58	0 23 34	-82 08				589300
80045	WOONERA'MT	4600	12 04	2 50 04	0 10 45	+48 48				589300
90347	WOONERA'MT	4600	12 04	2 50 04.17			0	60 55 41		589300
90348	JOHANNESBURG'MT	4400	12 04	10 24 01.34			0	56 34 41		589300
80046	JOHANNESBURG'MT	4400	12 04	10 24 02	0 06 72	+55 14				589300
10129	WOONERA'BN, AUSTR.	9003	12 04	17 10 07.27	9 19 36	5 33				434013
90349	QUITO'MT	4800	12 04	17 59 23.19			180	64 43 05		589300
90351	SAN DIEGO'MT	4011	12 04	21 56 33.95			180	34 34 30		589300
80047	SAN DIEGO'MT	4011	12 04	21 56 34	0 00 70	-82 33				589300

1960 XI 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90353	ANTIGUA'MT	4901	12 05	4 11 29.81			180	81 53 46		589300
80048	ANTIGUA'MT	4901	12 05	4 11 31	1 26 29	-15 59				589300
80050	SAN DIEGO'MT	4011	12 05	5 55 54	0 40 79	+89 26				589300
90354	SAN DIEGO'MT	4011	12 05	5 55 54.58			0	26 52 37		589300
90355	QUITO'MT	4800	12 05	6 09 01.73			0	62 34 19		589300
80051	QUITO'MT	4800	12 05	6 09 02	0 19 71	+45 84				589300
90356	WOOMERA'MT	4600	12 05	17 36 15.26			0	76 08 20		589300
80052	WOOMERA'MT	4600	12 05	17 36 16	0 10 90	+23 84				589300
10134	WOOMERA'BN, AUSTR.	9003	12 05	17 36 48.77	8 17 54	-25 47				434023
80054	SAN DIEGO'MT	4011	12 05	22 26 10	0 11 35	-33 75				589300
90358	SAN DIEGO'MT	4011	12 05	22 26 10.37			180	70 19 52		589300
90359	BLOSSOM PT'MT	4006	12 05	22 37 37.00			0	32 05 46		589300
80055	BLOSSOM PT'MT	4006	12 05	22 37 38	0 46 88	+84 79				589300
90360	SAN DIEGO'MT	4011	12 06	0 27 48.80			0	26 51 22		589300
80056	SAN DIEGO'MT	4011	12 06	0 27 49	0 06 80	+89 22				589300
30044	SACRAMENTO, CAL.	8917	12 06	2 25 18.2			0 00	24 46		641304
80057	BLOSSOM PT'MT	4006	12 06	2 33 45	0 01 19	+71 94				589300
90362	BLOSSOM PT'MT	4006	12 06	2 33 45.01			0	43 59 42		589300
90363	FT. MYERS'MT	4021	12 06	4 32 48.99			0	88 46 48		589300
80058	FT MYERS'MT	4021	12 06	4 32 49	0 00 73	+ 2 12				589300
90365	LIMA'MT	4801	12 06	6 38 59.89			180	70 36 46		589300
80059	LIMA'MT	4801	12 06	6 39 00	0 06 13	-32 71				589300
10135	VILLA DOLORES'BN, ARG	9011	12 06	6 45 18.75	8 47 24	-17 55				434013
80060	JOHANNESBURG'MT	4400	12 06	9 15 20	0 04 69	+ 5 57				589300
90366	JOHANNESBURG'MT	4400	12 06	9 15 20.27			0	86 46 30		589300
80061	SANTIAGO'MT	4802	12 06	14 46 27	0 00 77	-22 17				589300
90367	SANTIAGO'MT	4802	12 06	14 46 27.03			180	77 11 55		589300
80062	LIMA'MT	4801	12 06	16 51 14	0 00 59	-22 95				589300
90368	LIMA'MT	4801	12 06	16 51 14.03			180	76 43 55		589300
10136	WOOMERA'BN, AUSTR.	9003	12 06	18 03 28.23	8 25 54	-52 59				434023
80063	FT MYERS'MT	4021	12 06	18 59 34	0 56 45	-64 48				589300
90369	FT. MYERS'MT	4021	12 06	18 59 37.09			180	50 10 08		589300
90371	FT. MYERS'MT	4021	12 06	21 04 05.99			0	27 45 14		589300
80064	FT MYERS'MT	4021	12 06	21 04 06	0 00 20	+88 49				589300
80065	BLOSSOM PT'MT	4006	12 06	21 05 25	0 20 93	+46 89				589300
90370	BLOSSOM PT'MT	4006	12 06	21 05 25.43			0	61 57 40		589300
80066	BLOSSOM PT'MT	4006	12 06	23 04 16	0 21 83	+89 73				589300
90372	BLOSSOM PT'MT	4006	12 06	23 04 16.47			0	26 09 22		589300
30083	MADISON, WISC.	0148	12 07	0 58 45.8	17 11 00	65 51				845042
90375	SANTIAGO'MT	4802	12 07	7 10 24.64			0	77 26 04		589300
80067	SANTIAGO'MT	4802	12 07	7 10 25	0 16 51	+21 59				589300
10137	VILLA DOLORES'BN, ARG	9011	12 07	7 11 40.13	6 51 06	-45 45				434023
80068	SANTIAGO'MT	4802	12 07	15 15 51	0 06 98	+31 95				589300
90377	SANTIAGO'MT	4802	12 07	15 15 51.40			0	71 19 30		589300
10139	WOOMERA'BN, AUSTR.	9003	12 07	16 32 45.34	9 31 42	-12 41				434013
80069	QUITO'MT	4800	12 07	17 21 45	0 06 29	-16 80				589300
90378	QUITO'MT	4800	12 07	17 21 45.39			180	60 22 41		589300
80070	ANTIGUA'MT	4901	12 07	17 32 32	0 06 45	+16 24				589300
90379	ANTIGUA'MT	4901	12 07	17 32 32.28			0	80 36 22		589300
10138	WOOMERA'BN, AUSTR.	9003	12 07	18 29 30.39	4 15 36	-53 04				434023
90380	FT. MYERS'MT	4021	12 07	19 29 24.50			0	82 36 43		589300
80071	FT MYERS'MT	4021	12 07	19 29 25	0 14 00	+13 00				589300
90381	BLOSSOM PT'MT	4006	12 07	19 31 26.23			180	59 07 12		589300
80072	BLOSSOM PT'MT	4006	12 07	19 31 28	0 51 18	-50 96				589300
80073	SAN DIEGO'MT	4011	12 07	21 10 49	0 03 10	-70 82				589300
90382	SAN DIEGO'MT	4011	12 07	21 10 49.16			180	44 55 19		589300
90383	BLOSSOM PT'MT	4006	12 07	21 32 32.56			0	42 30 54		589300
80074	BLOSSOM PT'MT	4006	12 07	21 32 33	0 19 76	+73 76				589300
90385	SAN DIEGO'MT	4011	12 07	23 22 22.98			0	39 25 23		589300
80075	SAN DIEGO'MT	4011	12 07	23 22 23	0 08 44	+77 25				589300
80076	JOHANNESBURG'MT	4400	12 08	0 02 40	0 23 19	-18 67				589300
90386	JOHANNESBURG'MT	4400	12 08	0 02 40.43			180	79 06 14		589300
90387	WOOMERA'MT	4600	12 08	0 34 05.47			180	70 45 07		589300
80077	WOOMERA'MT	4600	12 08	0 34 06	0 08 50	-32 96				589300
90388	FT. MYERS'MT	4021	12 08	3 27 16.13			0	28 15 36		589300
10140	WOOMERA'BN, AUSTR.	9003	12 08	16 58 13.77	6 52 42	-32 33				434023
80079	BLOSSOM PT'MT	4006	12 08	21 59 20	0 07 52	+84 22				589300
90391	BLOSSOM PT'MT	4006	12 08	21 59 20.17			0	32 36 29		589300
90392	WOOMERA'MT	4600	12 09	1 03 30.44			0	77 06 04		589300
80080	WOOMERA'MT	4600	12 09	1 03 31	0 01 00	+22 33				589300
90393	BLOSSOM PT'MT	4006	12 09	1 55 49.71			0	59 02 53		589300
80081	BLOSSOM PT'MT	4006	12 09	1 55 50	0 30 54	+51 29				589300
90394	FT. MYERS'MT	4021	12 09	3 55 18.23			180	47 47 13		589300
90396	JOHANNESBURG'MT	4400	12 09	6 31 24.76			180	34 28 08		589300
80086	ANTIGUA'MT	4901	12 09	16 24 01	0 15 32	-48 09				589300
90397	ANTIGUA'MT	4901	12 09	16 24 01.92			180	61 21 22		589300
10142	WOOMERA'BN, AUSTR.	9003	12 09	17 25 07.81	5 01 24	-59 56				434023
90398	FT. MYERS'MT	4021	12 09	18 21 46.94			180	63 33 07		589300
80083	FT MYERS'MT	4021	12 09	18 21 47	0 01 13	-44 52				589300
10145	SAN FERNANDO'BN, SP.	9004	12 09	18 43 31.30	10 21 00	73 17				434013
90399	BLOSSOM PT'MT	4006	12 09	20 27 07.68			0	57 02 46		589300
80087	BLOSSOM PT'MT	4006	12 09	20 27 08	0 13 53	+54 46				589300
80084	SAN DIEGO'MT	4011	12 09	22 16 28	0 08 94	+52 83				589300
90400	SAN DIEGO'MT	4011	12 09	22 16 28.20			0	58 04 44		589300
90401	BLOSSOM PT'MT	4006	12 09	22 25 56.78			0	27 49 01		589300
80085	BLOSSOM PT'MT	4006	12 09	22 25 57	0 09 45	+88 45				589300
80088	JOHANNESBURG'MT	4400	12 09	22 56 19	0 18 90	+74 41				589300
30046	CINCINNATI, OHIO	0050	12 10	0 22 18.5	13 04 18	78 04				845004
30078	CHINA LAKE, CAL.	8588	12 10	2 14 57.4			9 31 48	18 13 48		845303

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90403	BLOSSOM PT. MT.	4006	12 10	2 23 11.19			180	46 14 36		589300
90404	LAREDO RADAR, TEX.	4012	12 10	4 17 58			26 30	64 00	480	895307
90404	SANTIAGO MT.	4802	12 10	6 32 29.48			180	84 38 53		589300
90405	JOHANNESBURG MT.	4400	12 10	9 08 23.96			0	36 27 14		589300
90406	SANTIAGO MT.	4802	12 10	14 37 34.97			0	61 16 30		589300
80092	SANTIAGO MT.	4802	12 10	14 37 35	0 00 34	+48 06	0	83 03 38		589300
90407	QUITO MT.	4800	12 10	16 43 59.65			0	66 26 06		589300
90408	ANTIGUA MT.	4901	12 10	16 54 36.29			0			589300
80089	ANTIGUA MT.	4901	12 10	16 54 34	3 72 61	+43 89	0			589300
90008	BRATISLAVA P., CZECH.	5702	12 10	17 16 29.8	1 03 00	53 00	0	70 06 29		624042
90409	FT. MYERS MT.	4021	12 10	18 51 18.71			0			589300
80090	FT. MYERS MT.	4021	12 10	18 51 19	0 07 52	+34 09	0			589300
80093	SAN DIEGO MT.	4011	12 10	20 40 50	0 05 79	-55 38	0			589300
90410	SAN DIEGO MT.	4011	12 10	20 40 50.28			180	56 23 49		589300
80094	SAN DIEGO MT.	4011	12 10	22 44 01	0 20 79	+79 74	0			589300
90411	SAN DIEGO MT.	4011	12 10	22 44 01.69			0	37 03 11		589300
80091	BLOSSOM PT. MT.	4006	12 10	22 52 27	0 59 41	+89 64	0			589300
90412	BLOSSOM PT. MT.	4006	12 10	22 52 28.30			0	26 16 08		589300
90414	FT. MYERS MT.	4021	12 11	2 49 31.84			0	45 33 40		589300
90415	SAN DIEGO MT.	4011	12 11	4 40 15.60			0	56 55 52		589300
90416	JOHANNESBURG MT.	4400	12 11	7 28 44.91			180	76 31 37		589300
80095	JOHANNESBURG MT.	4400	12 11	7 28 45	0 01 47	-23 28	0			589300
80096	SANTIAGO MT.	4802	12 11	13 00 28	1 99 01	-42 08	0			589300
80097	LIMA MT.	4801	12 11	15 04 10	0 11 48	-52 90	0			589300
90417	LIMA MT.	4801	12 11	15 04 10.78			180	58 08 06		589300
80101	ANTIGUA MT.	4901	12 11	15 13 14	3 53 14	-79 90	0			589300
90418	WOONERA MT.	4400	12 11	16 20 28.83			180	66 13 34		589300
10143	WOONERA BN, AUSTR.	9003	12 11	16 20 38.64	7 09 30	-56 55	0			434023
80098	FT. MYERS MT.	4021	12 11	17 13 11	0 01 11	-78 55	0			589300
90419	FT. MYERS MT.	4021	12 11	17 13 11.08			180	38 14 06		589300
10144	WOONERA BN, AUSTR.	9003	12 11	18 19 18.94	1 51 06	-73 48	0			434023
80099	FT. MYERS MT.	4021	12 11	19 19 44	0 08 92	+76 99	0			589300
90420	FT. MYERS MT.	4021	12 11	19 19 44.35			0	39 36 43		589300
90421	BLOSSOM PT. MT.	4006	12 11	19 21 16.76			0	76 18 50		589300
80100	BLOSSOM PT. MT.	4006	12 11	19 21 17	0 08 92	+23 72	0			589300
80102	SAN DIEGO MT.	4011	12 11	21 09 57	0 01 07	+11 19	0			589300
90422	SAN DIEGO MT.	4011	12 11	21 09 57.03			0	83 34 05		589300
90423	WOONERA MT.	4400	12 12	0 25 11.80			0	66 29 53		589300
80103	WOONERA MT.	4400	12 12	0 25 12	0 05 06	+39 82	0			589300
80104	BLOSSOM PT. MT.	4006	12 12	1 17 49	0 12 40	+18 82	0			589300
90424	BLOSSOM PT. MT.	4006	12 12	1 17 49.11			0	79 11 54		589300
80106	FT. MYERS MT.	4021	12 12	3 17 44	0 23 64	-89 88	0			589300
90425	FT. MYERS MT.	4021	12 12	3 17 44.40			180	23 54 04		589300
90427	JOHANNESBURG MT.	4400	12 12	7 59 03.41			0	63 12 07		589300
80105	JOHANNESBURG MT.	4400	12 12	7 59 04	0 08 71	+45 17	0			589300
90428	ANTOFAGASTA MT.	4803	12 12	13 29 34.76			180	60 01 05		589300
80107	ANTOFAGASTA MT.	4803	12 12	13 29 36	0 21 96	-49 79	0			589300
90429	QUITO MT.	4800	12 12	15 34 26.00			180	59 03 50		589300
80108	LIMA MT.	4801	12 12	15 32 26	0 00 53	+27 83	0			589300
90430	LIMA MT.	4801	12 12	15 35 26.83			0	73 50 10		589300
90431	ANTIGUA MT.	4901	12 12	15 46 08.94			180	76 15 40		589300
80109	ANTIGUA MT.	4901	12 12	15 46 24	2 79 58	-20 28	0			589300
80110	FT. MYERS MT.	4021	12 12	17 43 39	0 99 96	-22 81	0			589300
90432	FT. MYERS MT.	4021	12 12	17 43 43.68			180	77 26 56		589300
90433	BLOSSOM PT. MT.	4006	12 12	17 46 07.96			180	49 28 12		589300
80111	BLOSSOM PT. MT.	4006	12 12	17 46 08	0 01 01	-64 97	0			589300
80112	SAN DIEGO MT.	4011	12 12	19 32 33	0 05 31	-81 56	0			589300
80113	SAN DIEGO MT.	4011	12 12	21 36 03	0 21 04	+60 86	0			589300
90435	SAN DIEGO MT.	4011	12 12	21 36 03.68			0	52 25 37		589300
80114	JOHANNESBURG MT.	4400	12 12	22 18 38	0 45 05	+44 38	0			589300
90436	JOHANNESBURG MT.	4400	12 12	22 18 38.67			0	63 55 44		589300
90437	WOONERA MT.	4400	12 12	22 40 17.94			180	59 20 02		589300
80115	WOONERA MT.	4400	12 12	22 40 17	0 05 39	-50 98	0			589300
90438	BLOSSOM PT. MT.	4006	12 12	23 45 40.44			0	33 33 14		589300
80116	BLOSSOM PT. MT.	4006	12 12	23 45 41	0 31 42	+83 31	0			589300
90439	ANTOFAGASTA MT.	4803	12 13	13 29 32.05			0	62 09 58		589300
80121	ANTOFAGASTA MT.	4803	12 13	13 29 33	0 16 20	+13 82	0			589300
90440	WOONERA MT.	4400	12 13	15 14 25.29			0	64 16 19		589300
90441	QUITO MT.	4800	12 13	16 06 06.91			0	67 47 20		589300
80123	QUITO MT.	4800	12 13	16 06 07	0 07 35	+37 89	0			589300
90447	FT. MYERS MT.	4021	12 13	18 13 00.24			0	60 32 13		589300
80124	FT. MYERS MT.	4021	12 13	18 13 05	1 17 07	+50 11	0			589300
80125	FT. MYERS MT.	4021	12 13	18 13 05	1 18 33	+50 11	0			589300
90449	BLOSSOM PT. MT.	4006	12 13	20 15 35.51			0	41 10 12		589300
80026	BLOSSOM PT. MT.	4006	12 13	20 15 36	0 18 41	+75 32	0			589300
90450	WOONERA MT.	4400	12 13	23 16 58.73			180	87 27 40		589300
80027	WOONERA MT.	4400	12 13	23 17 00	0 15 23	-4 27	0			589300
90449	TERRE HAUTE, IND.	8127	12 14	0 11 06.9			25 00	41 00		845302
80028	BLOSSOM PT. MT.	4006	12 14	0 12 32	0 35 96	+64 49	0			589300
90451	BLOSSOM PT. MT.	4006	12 14	0 12 32.47			0	49 55 01		589300
90050	CHINA LAKE, CAL.	0099	12 14	2 01 40.8			20 42 00	25 24 36		641303
90452	FT. MYERS MT.	4021	12 14	2 11 44.86			0	78 33 29		589300
80029	FT. MYERS MT.	4021	12 14	2 11 45	0 14 76	+19 69	0			589300

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80090	SAN DIEGO*MT	4011	12 14	4 02 20	0 47 65	+ 7 93				589500
90453	SAN DIEGO*MT	4011	12 14	4 02 20.44			0	85 41 31		589500
80091	LIMA*MT	4801	12 14	4 17 31	0 47 58	-21 65				589500
90454	LIMA*MT	4801	12 14	4 17 31.54			180	77 09 43		589500
80092	ANTIGUA*MT	4901	12 14	14 36 27	2 54 60	-73 20				589500
90455	PT. MYERS*MT	4021	12 14	16 35 10.61			180	48 30 22		589500
80093	PT. MYERS*MT	4021	12 14	16 35 11	0 05 54	-66 21				589500
10147	WOOMERA*BN, AUST.	9003	12 14	17 40 40.49	0 36 18	-72 08				434023
80094	PT. MYERS*MT	4021	12 14	18 41 14	0 01 26	+80 66				589500
90456	PT. MYERS*MT	4021	12 14	18 41 14.05			0	36 13 19		589500
10148	SAN FERNANDO*BN, SP.	9004	12 14	18 58 56.70	5 35 30	74 11				434013
80126	SAN DIEGO*MT	4011	12 14	20 31 31	0 00 70	+27 82				589500
90458	SAN DIEGO*MT	4011	12 14	20 31 31.02			0	73 50 24		589500
90459	BLOSSOM PT*MT	4006	12 14	22 40 34.36			0	31 43 01		589500
80127	BLOSSOM PT*MT	4006	12 14	22 40 35	0 30 38	+85 05				589500
30051	TERRE HAUTE, IND.	8127	12 15	0 37 09.4			0	59 37		845303
90460	BLOSSOM PT*MT	4006	12 15	0 39 44.68			180	78 36 07		589500
80128	BLOSSOM PT*MT	4006	12 15	0 39 45	0 30 91	-19 99				589500
30052	CHINA LAKE, CAL.	0098	12 15	2 29 06.4			353 07 48	32 07 12		641303
90462	JOHANNESBURG*MT	4400	12 15	7 20 52.94			0	52 04 08		589500
80129	JOHANNESBURG*MT	4400	12 15	7 20 54	0 14 29	+61 60				589500
90463	QUITO*MT	4800	12 15	14 56 25.05			180	72 36 47		589500
80101	QUITO*MT	4800	12 15	14 56 26	0 13 93	-29 70				589500
80002	LIMA*MT	4801	12 15	14 57 25	0 22 23	+49 69				589500
90464	LIMA*MT	4801	12 15	14 57 26.61			0	60 02 10		589500
90465	PT. MYERS*MT	4021	12 15	17 05 27.66			0	89 28 30		589500
80003	PT. MYERS*MT	4021	12 15	17 05 28	0 07 26	+ 0 99				589500
10150	WOOMERA*BN, AUST.	9003	12 15	18 07 41.82	0 00 30	-73 59				434023
80004	SAN DIEGO*MT	4011	12 15	18 54 25	0 07 60	-71 38				589500
90466	SAN DIEGO*MT	4011	12 15	18 54 25.52			180	44 29 42		589500
90467	BLOSSOM PT*MT	4006	12 15	21 08 51.47			0	32 09 04		589500
90468	WOOMERA*MT	4800	12 15	22 09 28.48			180	65 08 49		589500
80005	WOOMERA*MT	4800	12 15	22 09 29	0 00 36	-42 02				589500
90469	BLOSSOM PT*MT	4006	12 15	23 07 17.51			0	39 46 08		589500
80006	BLOSSOM PT*MT	4006	12 15	23 07 18	0 27 52	+76 82				589500
80007	ANTIGUA*MT	4901	12 16	1 12 56	1 41 25	-71 22				589500
10159	VILLA DOLORES*BN, ARG	9011	12 16	5 16 43.69	2 23 12	-70 58				434023
10160	VILLA DOLORES*BN, ARG	9011	12 16	7 15 00.92	0 40 24	-67 38				434023
10152	WOOMERA*BN, AUST.	9003	12 16	16 34 52.08	0 28 00	-65 56				434023
80008	BLOSSOM PT*MT	4006	12 16	17 36 18	0 05 98	+ 0 90				589500
80010	BLOSSOM PT*MT	4006	12 16	19 36 53	0 22 45	+75 21				589500
80011	SAN DIEGO*MT	4011	12 16	21 26 46	0 15 27	82 30				589500
80013	BLOSSOM PT*MT	4006	12 16	23 34 15	0 33 66	+46 29				589500
30074	ALBUQUERQUE, N.M.	8534	12 17	1 26 43.9	0 50 00	85 00				845043
30075	ALBUQUERQUE, N.M.	8534	12 17	1 26 50.8	2 04 24	83 18				845043
10161	VILLA DOLORES*BN, ARG	9011	12 17	5 43 20.86	0 19 06	-70 26				434023
80014	SANTIAGO*MT	4802	12 17	11 43 10	0 10 44	-17 80				589500
80015	LIMA*MT	4801	12 17	13 47 46	0 16 79	-12 57				589500
10163	SHIRAZ*BN, IRAN	9008	12 17	14 36 45.05	6 07 24	61 30				434013
80016	PT. MYERS*MT	4021	12 17	18 02 32	0 06 97	+83 14				589500
30059	TERRE HAUTE, IND.	8127	12 17	23 58 50.7			0	74 00		845303
10156	JUPITER*BN, FLA.	9010	12 17	23 59 15.22	16 32 00	71 00				434013
10157	JUPITER*BN, FLA.	9010	12 18	0 00 12.97	16 08 00	81 30				434013
10158	JUPITER*BN, FLA.	9010	12 18	0 01 17.95	5 58 00	81 01				434013
80017	ANTIGUA*MT	4901	12 18	0 06 40	3 01 27	+76 36				589500
80018	SANTIAGO*MT	4802	12 18	4 10 25	0 31 09	+ 0 49				589500
80019	JOHANNESBURG*MT	4400	12 18	4 35 03	0 03 88	-73 06				589500
80020	ANTOFAGASTA*MT	4803	12 18	12 12 33	0 20 60	-19 29				589500
10155	SHIRAZ*BN, IRAN	9008	12 18	15 03 24.06	4 08 06	56 24				434013
80021	PT. MYERS*MT	4021	12 18	16 24 59	0 03 96	+28 82				589500
80022	SAN DIEGO*MT	4011	12 18	18 16 05	0 02 72	-88 24				589500
80023	SAN DIEGO*MT	4011	12 18	20 20 40	0 10 34	+70 08				589500
80024	JOHANNESBURG*MT	4400	12 18	21 02 51	0 29 98	-56 70				589500
80025	WOOMERA*MT	4800	12 18	21 30 44	0 18 02	-30 45				589500
30061	ST. LOUIS, MO.	0140	12 19	0 25 28.0	0 27 54	20 06				845112
30062	CINCINNATI, OHIO	0050	12 19	0 25 57.2	23 00 12	6 27				845114
10164	VILLA DOLORES*BN, ARG	9011	12 19	4 39 34.49	15 32 00	-84 10				434023
80035	JOHANNESBURG*MT	4400	12 19	5 03 42	0 14 15	-34 61				589500
10165	VILLA DOLORES*BN, ARG	9011	12 19	6 37 33.67	21 53 12	-75 39				434023
10167	TOKYO*BN, JAPAN	9005	12 19	9 50 25.60	22 03 00	5 01				434013
30071	MITAKA, JAPAN	0229	12 19	9 51 05.1			219 12	40 24		845303
30064	ROCHESTER, N.Y.	5050	12 19	22 55 47.3	23 40 24	16 12				845013
10170	MAUI*BN, HAWAII	9012	12 20	4 38 09.09	5 46 42	54 35				434013
10168	VILLA DOLORES*BN, ARG	9011	12 20	5 04 58.52	22 38 48	-71 33				434023
10169	VILLA DOLORES*BN, ARG	9011	12 20	7 04 10.38	22 11 30	-76 03				434023
10166	SAN FERNANDO*BN, SP.	9004	12 20	19 38 48.50	21 14 18	- 5 34				434013
10171	ORGAN PASS*BN, N.M.	9001	12 21	1 15 00.30	21 55 00	55 58				434013
10172	ORGAN PASS*BN, N.M.	9001	12 21	1 15 51.17	0 15 18	43 00				434013
30065	DENVER, COLO.	8592	12 21	1 16 16.5			180 00	35 36		845303
30067	SAN ANTONIO, TEX.	0089	12 21	1 18 27.5	0 44 00	1 15				845012
30073	MITAKA, JAPAN	0229	12 21	8 46 03.1			221 06	75 34		845303
10173	SAN FERNANDO*BN, SP.	9004	12 21	18 09 18.80	0 44 12	17 31				434013
10174	SAN FERNANDO*BN, SP.	9004	12 21	18 09 32.80	1 03 54	12 24				434013
10175	SAN FERNANDO*BN, SP.	9004	12 21	18 09 40.80	1 14 00	9 40				434013
30068	ALBUQUERQUE, N.M.	0041	12 22	1 41 32.5	21 58	- 3 54				845033
10177	SAN FERNANDO*BN, SP.	9004	12 22	18 34 25.60	21 31 54	4 38				434013
10178	SAN FERNANDO*BN, SP.	9004	12 22	18 34 44.50	21 55 54	- 0 05				434013
10179	SAN FERNANDO*BN, SP.	9004	12 22	18 34 48.50	22 01 12	- 1 07				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10181	MAUI'BN, HAWAII	9012	12 23	5 56 29.74	21 15 18	-13 47				434013
10182	MAUI'BN, HAWAII	9012	12 23	5 57 16.26	21 50 42	-27 00				434023
10184	WOMERA'BN, AUSTR.	9003	12 23	13 46 25.31	22 08 00	-73 05				434023
10185	VILLA DOLORES'BN, ARG	9011	12 26	7 48 35.85	13 18 24	-57 13				434023
10187	VILLA DOLORES'BN, ARG	9011	12 27	2 15 56.63	21 09 00	-69 32				434023
10188	VILLA DOLORES'BN, ARG	9011	12 27	2 16 29.77	19 00 30	-78 37				434023
10186	WOMERA'BN, AUSTR.	9003	12 28	18 00 52.26	11 53 18	-64 02				434023
10189	WOMERA'BN, AUSTR.	9003	12 29	18 28 37.23	11 08 30	-34 03				434023
10192	VILLA DOLORES'BN, ARG	9011	12 30	1 36 48.98	20 36 00	-58 45				434023
10193	VILLA DOLORES'BN, ARG	9011	12 30	1 37 40.24	18 41 36	-72 05				434023
10190	SAN FERNANDO'BN, SP.	9004	12 30	6 11 17.10	15 26 12	-8 05				434013
10197	VILLA DOLORES'BN, ARG	9011	12 30	7 33 25.36	7 00 00	-62 57				434023
10196	CURACAO'BN, N.W.I.	9009	12 30	9 47 24.02	14 16 06	-13 06				434013
10196	VILLA DOLORES'BN, ARG	9011	12 30	7 40 09.54	12 42 48	-1 48				434013
10003	VILLA DOLORES'BN, ARG	9011	1 01	0 31 34.31	21 02 54	-53 35				434023
10001	WOMERA'BN, AUSTR.	9003	1 01	17 48 09.54	9 00 00	-41 47				434023
10007	WOMERA'BN, AUSTR.	9003	1 02	18 15 22.36	8 42 30	-8 25				434013
10045	TOKYO'BN, JAPAN	9005	1 02	20 34 56.80	14 17 30	7 15				434013
10008	CURACAO'BN, N.W.I.	9009	1 03	9 30 24.64	10 57 06	-20 54				434013
10009	CURACAO'BN, N.W.I.	9009	1 03	9 38 25.66	14 13 48	33 56				434013
10012	MAUI'BN, HAWAII	9012	1 03	15 14 14.36	13 25 12	0 06				434013
10013	MAUI'BN, HAWAII	9012	1 03	15 16 07.36	14 07 06	11 42				434013
10010	WOMERA'BN, AUSTR.	9003	1 03	16 42 38.23	9 53 24	-58 23				434023
10011	WOMERA'BN, AUSTR.	9003	1 03	16 43 28.42	10 44 30	-45 48				434023
10017	VILLA DOLORES'BN, ARG	9011	1 04	5 30 48.20	10 26 24	-56 12				434023
10014	SAN FERNANDO'BN, SP.	9004	1 04	6 24 13.00	13 59 54	18 11				434013
10015	SAN FERNANDO'BN, SP.	9004	1 04	6 25 01.00	14 23 18	22 16				434013
10016	CURACAO'BN, N.W.I.	9009	1 04	10 02 32.11	12 08 30	41 07				434013
10018	WOMERA'BN, AUSTR.	9003	1 04	15 11 03.46	13 25 30	-61 40				434023
10020	WOMERA'BN, AUSTR.	9003	1 04	17 09 08.32	8 17 18	-31 30				434013
10021	WOMERA'BN, AUSTR.	9003	1 04	17 10 43.88	9 44 48	-12 20				434013
10024	MAINI TAL'BN, INDIA	9006	1 04	23 10 49.81	13 33 30	-3 36				434013
10025	MAINI TAL'BN, INDIA	9006	1 04	23 15 09.42	14 21 24	6 39				434013
10036	OLIFANTSFNTH'BN, S.AF	9002	1 05	0 41 08.75	7 52 06	-35 52				434023
10022	SAN FERNANDO'BN, SP.	9004	1 05	4 32 30.80	14 26 48	0 56				434013
10023	SAN FERNANDO'BN, SP.	9004	1 05	4 32 38.80	14 29 24	1 31				434013
10026	WOMERA'BN, AUSTR.	9003	1 05	15 37 11.51	11 40 00	-65 02				434023
10027	WOMERA'BN, AUSTR.	9003	1 05	15 38 08.61	11 50 30	-49 43				434023
10037	MAUI'BN, HAWAII	9012	1 05	16 07 12.26	11 17 00	34 09				434013
10038	MAUI'BN, HAWAII	9012	1 05	16 10 49.67	13 17 24	56 11				434013
10031	OLIFANTSFNTH'BN, S.AF	9002	1 05	23 09 49.88	11 53 06	-60 26				434023
10032	OLIFANTSFNTH'BN, S.AF	9002	1 05	23 11 27.09	12 07 30	-38 04				434023
10033	OLIFANTSFNTH'BN, S.AF	9002	1 06	1 07 26.67	7 04 42	-9 30				434013
10034	OLIFANTSFNTH'BN, S.AF	9002	1 06	1 09 22.70	8 21 30	7 11				434013
10036	VILLA DOLORES'BN, ARG	9011	1 06	6 43 11.45	7 12 36	-9 15				434013
10063	MAUI'BN, HAWAII	9012	1 06	14 34 19.65	12 36 54	4 09				434013
10064	MAUI'BN, HAWAII	9012	1 06	14 36 01.64	13 18 24	15 22				434013
10012	MITAKA, JAPAN	0229	1 06	20 21 43.7			140 54	80 00		845303
10046	TOKYO'BN, JAPAN	9005	1 06	20 21 48.00	13 10 18	28 39				434013
10047	TOKYO'BN, JAPAN	9005	1 06	20 23 00.80	13 52 00	35 03				434013
10052	SHIRAZ'BN, IRAN	9008	1 07	1 38 30.69	12 51 42	38 32				434013
10062	VILLA DOLORES'BN, ARG	9011	1 07	5 11 11.17	8 46 54	-58 55				434023
10061	VILLA DOLORES'BN, ARG	9011	1 07	5 11 19.17	8 53 48	-57 55				434023
10069	SAN FERNANDO'BN, SP.	9004	1 07	5 44 21.40	13 19 42	23 08				434013
10070	SAN FERNANDO'BN, SP.	9004	1 07	5 44 43.40	13 31 00	25 05				434013
10057	CURACAO'BN, N.W.I.	9009	1 07	9 17 02.55	8 56 00	1 25				434013
10058	CURACAO'BN, N.W.I.	9009	1 07	9 23 28.38	11 25 00	40 32				434013
10043	WOMERA'BN, AUSTR.	9003	1 07	14 30 49.05	14 21 00	-79 11				434023
10044	WOMERA'BN, AUSTR.	9003	1 07	14 32 28.42	12 31 42	-53 24				434023
10191	MAUI'BN, HAWAII	9012	1 07	14 58 06.60	10 27 24	2 26				434013
10190	MAUI'BN, HAWAII	9012	1 07	15 03 42.60	13 04 42	41 32				434013
10048	TOKYO'BN, JAPAN	9005	1 07	18 50 40.70	14 07 48	11 11				434013
10073	TOKYO'BN, JAPAN	9005	1 07	20 48 30.90	12 35 00	44 35				434013
10049	MAINI TAL'BN, INDIA	9006	1 07	22 30 41.39	12 46 18	-3 45				434013
10053	SHIRAZ'BN, IRAN	9008	1 08	0 30 04.17	15 12 30	27 35				434013
10056	SHIRAZ'BN, IRAN	9008	1 08	2 24 48.67	11 43 12	51 02				434013
10055	SHIRAZ'BN, IRAN	9008	1 08	2 26 24.37	12 51 30	60 10				434013
10059	CURACAO'BN, N.W.I.	9009	1 08	9 40 18.47	7 39 30	-2 59				434013
10060	CURACAO'BN, N.W.I.	9009	1 08	9 45 13.09	8 36 30	25 47				434013
10040	ORGAN PASS'BN, N.W.I.	9001	1 08	11 44 46.02	13 10 06	24 43				434013
10065	MAUI'BN, HAWAII	9012	1 08	13 27 17.71	12 24 24	-12 22				434013
10066	MAUI'BN, HAWAII	9012	1 08	13 27 29.71	12 28 24	-11 02				434013
10067	MAUI'BN, HAWAII	9012	1 08	15 26 23.91	10 01 30	31 40				434013
10068	MAUI'BN, HAWAII	9012	1 08	15 30 38.01	12 12 48	59 18				434013
10074	MAINI TAL'BN, INDIA	9006	1 08	22 58 13.18	12 33 48	18 56				434013
10075	MAINI TAL'BN, INDIA	9006	1 08	22 59 01.74	12 57 18	23 50				434013
10071	ORGAN PASS'BN, N.W.I.	9001	1 09	12 04 58.76	9 51 54	1 11				434013
30003	DENVER, COLO.	8392	1 09	12 12 44.4			143 06	77 30		845304
10079	MAUI'BN, HAWAII	9012	1 09	15 35 31.74	9 50 06	57 51				434013
10076	CURACAO'BN, N.W.I.	9009	1 10	8 41 23.06	9 25 00	38 08				434013

1960 XI 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10077	CURACAO'BN, N.W.I.	9009	1 10	8 44 46.98	11 10 18	59 15				434013
10080	ORGAN PASS'BN, N.M.	9001	1 10	10 35 46.47	11 55 18	- 2 13				434013
10081	ORGAN PASS'BN, N.M.	9001	1 10	10 38 15.81	12 57 54	12 21				434013
10082	ORGAN PASS'BN, N.M.	9001	1 10	12 28 26.92	8 41 00	- 1 24				434013
10083	ORGAN PASS'BN, N.M.	9001	1 10	12 38 13.69	11 54 30	57 37				434013
10084	ORGAN PASS'BN, N.M.	9001	1 10	12 41 42.93	15 40 30	67 10				434013
10095	NAINI TAL'BN, INDIA	9006	1 10	23 49 20.05	9 51 36	36 20				434013
10096	NAINI TAL'BN, INDIA	9006	1 10	23 53 05.55	11 54 54	61 13				434013
10086	SAN FERNANDO'BN, SP.	9004	1 11	3 31 33.00	12 51 42	2 19				434013
10087	SAN FERNANDO'BN, SP.	9004	1 11	5 30 33.50	11 48 54	41 23				434013
10089	JUPITER'BN, FLA.	9010	1 11	9 11 58.17	13 00 06	42 20				434013
10090	JUPITER'BN, FLA.	9010	1 11	9 13 10.38	13 46 36	46 32				434013
10088	ORGAN PASS'BN, N.M.	9001	1 11	11 03 13.31	11 39 48	20 28				434013
30004	DENVER, COLO.	8592	1 11	11 06 06.9			137 48	62 54		845304
10092	TOKYO'BN, JAPAN	9005	1 11	18 34 35.70	11 59 06	17 32				434013
10099	TOKYO'BN, JAPAN	9005	1 11	20 34 37.90	10 46 42	55 25				434013
10100	NAINI TAL'BN, INDIA	9006	1 12	0 13 47.22	8 40 36	30 52				434013
10101	NAINI TAL'BN, INDIA	9006	1 12	0 18 14.73	9 50 24	60 07				434013
10091	SAN FERNANDO'BN, SP.	9004	1 12	5 56 49.20	10 54 48	50 57				434013
10103	MAUI'BN, HAWAII	9012	1 12	15 14 18.89	8 32 42	51 59				434013
10113	NAINI TAL'BN, INDIA	9006	1 12	22 46 47.90	12 21 24	53 35				434013
10114	NAINI TAL'BN, INDIA	9006	1 13	0 45 09.38	9 04 06	65 22				434013
10102	ORGAN PASS'BN, N.M.	9001	1 13	11 57 17.02	10 28 24	55 39				434013
10104	WOOMERA'BN, AUST.	9003	1 13	13 12 56.57	11 54 30	-49 00				434023
10126	MAUI'BN, HAWAII	9012	1 13	15 42 52.72	8 05 00	66 13				434013
10127	MAUI'BN, HAWAII	9012	1 13	15 43 36.40	8 10 30	70 21				434013
10109	TOKYO'BN, JAPAN	9005	1 13	17 32 16.30	13 44 48	23 45				434013
10115	NAINI TAL'BN, INDIA	9006	1 13	23 11 23.91	9 54 36	54 48				434013
10106	ORGAN PASS'BN, N.M.	9001	1 14	12 27 43.39	14 50 30	78 40				434013
10129	MAUI'BN, HAWAII	9012	1 14	16 10 15.51	7 23 30	70 14				434013
10111	TOKYO'BN, JAPAN	9005	1 14	17 56 46.30	12 34 30	34 35				434013
10116	NAINI TAL'BN, INDIA	9006	1 14	23 39 39.19	9 48 54	71 40				434013
10118	SHIRAZ'BN, IRAN	9008	1 15	1 34 07.82	11 30 00	79 28				434013
10120	JUPITER'BN, FLA.	9010	1 15	8 59 01.22	12 04 54	65 40				434013
10121	JUPITER'BN, FLA.	9010	1 15	9 00 02.24	13 15 12	67 42				434013
10122	JUPITER'BN, FLA.	9010	1 15	9 01 19.70	14 41 00	67 41				434013
10123	JUPITER'BN, FLA.	9010	1 15	10 51 50.93	7 32 06	39 28				434013
10124	JUPITER'BN, FLA.	9010	1 15	10 57 04.36	8 00 24	68 44				434013
10125	JUPITER'BN, FLA.	9010	1 15	11 02 52.74	19 54 54	78 09				434013
10108	ORGAN PASS'BN, N.M.	9001	1 15	12 52 35.90	10 09 30	78 43				434013
10112	TOKYO'BN, JAPAN	9005	1 15	18 23 50.50	12 41 36	53 06				434013
10135	TOKYO'BN, JAPAN	9005	1 15	20 22 11.70	10 02 00	69 29				434013
10119	SHIRAZ'BN, IRAN	9008	1 16	2 00 57.73	10 04 00	83 54				434013
10130	JUPITER'BN, FLA.	9010	1 16	9 24 10.74	9 22 00	68 10				434013
10131	JUPITER'BN, FLA.	9010	1 16	9 25 59.07	11 29 00	77 02				434013
10132	JUPITER'BN, FLA.	9010	1 16	9 49 33.83	17 08 06	72 13				434013
10140	ORGAN PASS'BN, N.M.	9001	1 16	11 17 16.65	9 39 48	59 18				434013
10133	WOOMERA'BN, AUST.	9003	1 16	12 33 58.93	10 40 48	-62 50				434023
10136	TOKYO'BN, JAPAN	9005	1 16	18 48 39.30	10 33 18	58 00				434013
10137	TOKYO'BN, JAPAN	9005	1 16	20 48 30.00	9 25 00	70 01				434013
10139	SHIRAZ'BN, IRAN	9008	1 17	0 27 45.28	12 36 00	75 33				434013
10138	ORGAN PASS'BN, N.M.	9001	1 17	11 44 29.12	9 06 42	69 02				434013
30015	DENVER, COLO.	8592	1 17	11 46 19.4			343 00	64 24		845304
30024	MADISON, WISC.	0148	1 18	10 15 05.5	9 58 48	43 42				845012
30019	ST. LOUIS, MO.	0140	1 18	10 16 29.1	10 55 24	63 30				845012
10143	JUPITER'BN, FLA.	9010	1 18	10 18 35.77	7 18 00	79 12				434013
10144	JUPITER'BN, FLA.	9010	1 18	10 21 17.19	19 31 00	85 32				434013
10145	JUPITER'BN, FLA.	9010	1 18	10 24 37.12	19 42 00	68 28				434013
10146	TOKYO'BN, JAPAN	9005	1 18	19 40 55.90	8 39 24	63 58				434013
10147	JUPITER'BN, FLA.	9010	1 19	10 45 12.35	6 41 30	78 40				434013
10148	JUPITER'BN, FLA.	9010	1 19	10 46 28.88	5 40 00	85 30				434013
10149	JUPITER'BN, FLA.	9010	1 19	10 47 39.28	22 07 00	86 50				434013
30020	DENVER, COLO.	8592	1 19	12 38 44.8			333 12	51 15 00		845304
30021	DENVER, COLO.	8592	1 19	12 39 27.0			341 39 00	53 15 00		845304
10155	TOKYO'BN, JAPAN	9005	1 19	18 10 47.50	12 39 18	70 07				434013
30022	DALLAS, TEX.	0129	1 20	11 08 27.4	9 20 00	81 47				845013
10151	WOOMERA'BN, AUST.	9003	1 20	12 20 42.70	5 20 48	-42 57				434023
30025	DENVER, COLO.	8592	1 20	13 08 06.4			6 54	55 12		845304
10156	TOKYO'BN, JAPAN	9005	1 20	20 37 23.00	13 23 00	82 39				434013
10160	NAINI TAL'BN, INDIA	9006	1 21	0 22 23.07	19 59 00	86 57				434013
10152	WOOMERA'BN, AUST.	9003	1 21	10 49 03.49	11 08 48	-61 40				434023
30042	SYDNEY, AUST.	0602	1 21	10 51 25.1	5 25	-41				845042
30028	DENVER, COLO.	8592	1 21	11 33 16.2			351 30	55 45 00		845304
30029	DENVER, COLO.	8592	1 21	11 34 00.0			2 00	55 30		845304
10157	TOKYO'BN, JAPAN	9005	1 21	19 03 34.10	11 29 00	81 15				434013
10162	JUPITER'BN, FLA.	9010	1 22	10 02 30.00	6 13 06	65 40				434013
10163	JUPITER'BN, FLA.	9010	1 22	10 05 41.18	5 28 08	82 52				434013
10164	JUPITER'BN, FLA.	9010	1 22	10 08 56.83	19 48 24	78 38				434013
10153	WOOMERA'BN, AUST.	9003	1 22	11 15 08.59	8 17 36	-66 59				434023
30031	DENVER, COLO.	8592	1 22	12 00 33.4			0 18	54 06		845304
10181	OLIFANTSFNTN'BN, S.AF	9002	1 22	18 47 49.40	8 36 24	-53 16				434023
10158	TOKYO'BN, JAPAN	9005	1 22	19 31 20.60	15 37 00	81 08				434013
10154	SAN FERNANDO'BN, SP.	9004	1 23	4 51 47.90	9 55 54	79 23				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30037	DENVER, COLO.	8592	1 23	12 28 51.9			22 49 00	55 24		845304
10173	TOKYO'BN, JAPAN	9005	1 23	17 57 27.10	13 10 48	79 13				434013
10174	TOKYO'BN, JAPAN	9005	1 23	19 57 37.80	14 50 00	81 05				434013
30053	MITAKA, JAPAN	0229	1 23	19 57 59.3			7 48	44 30		845303
10170	NAINI TAL'BN, INDIA	9006	1 23	23 41 41.93	19 48 00	88 55				434013
10171	JUPITER'BN, FLA.	9010	1 24	8 59 13.25	4 16 00	85 47				434013
10172	JUPITER'BN, FLA.	9010	1 24	9 00 40.50	19 48 00	85 05				434013
30044	WALNUT CREEK, CAL.	8535	1 24	12 50 06.0	15 00 00	76 48				845304
30038	DENVER, COLO.	8592	1 24	12 55 03.4			17 42	62 30		845304
30039	DENVER, COLO.	8592	1 24	12 55 44.1			29 24	61 54		845304
10175	SHIRAZ'BN, IRAN	9008	1 25	2 03 03.92	18 04 18	77 59				434013
30041	N. CANTON, OHIO	8559	1 25	11 27 50.5	15 13 10	57 52				845303
10178	TOKYO'BN, JAPAN	9005	1 25	18 49 18.00	9 28 00	81 33				434013
10179	TOKYO'BN, JAPAN	9005	1 25	20 51 56.50	15 36 54	86 21				434013
10177	SAN FERNANDO'BN, SP.	9004	1 26	4 12 19.50	12 21 00	82 30				434013
10183	JUPITER'BN, FLA.	9010	1 26	9 56 42.08	18 55 06	70 20				434013
10189	TOKYO'BN, JAPAN	9005	1 26	19 18 11.00	15 57 48	75 57				434013
10188	VILLA DOLORES'BN, ARG	9011	1 27	0 10 33.99	4 50 30	5 58				434013
10185	SAN FERNANDO'BN, SP.	9004	1 27	4 39 12.20	13 38 00	80 47				434013
10199	MAUI'BN, HAWAII	9012	1 27	16 04 39.56	18 50 00	67 53				434013
10194	TOKYO'BN, JAPAN	9005	1 27	17 44 40.20	15 41 54	77 43				434013
10195	TOKYO'BN, JAPAN	9005	1 27	19 43 31.20	13 21 42	76 49				434013
10201	SAN FERNANDO'BN, SP.	9004	1 28	5 06 49.20	15 13 00	72 32				434013
10197	JUPITER'BN, FLA.	9010	1 28	8 46 05.69	23 56 00	86 47				434013
10198	JUPITER'BN, FLA.	9010	1 28	8 49 52.87	18 26 24	69 11				434013
10196	SHIRAZ'BN, IRAN	9008	1 29	1 51 15.17	17 10 12	61 26				434013
10192	ORGAN PASS'BN, N.H.	9001	1 29	11 07 25.84	16 26 00	78 04				434013
10193	ORGAN PASS'BN, N.H.	9001	1 29	13 09 11.42	15 33 30	51 53				434013
10208	TOKYO'BN, JAPAN	9005	1 31	17 31 18.00	15 46 06	72 55				434013
10209	TOKYO'BN, JAPAN	9005	1 31	19 32 15.10	15 07 54	53 37				434013
10203	SHIRAZ'BN, IRAN	9008	2 01	1 11 09.86	16 31 12	56 51				434013
10205	JUPITER'BN, FLA.	9010	2 01	10 34 11.50	13 56 00	69 02				434013
10206	JUPITER'BN, FLA.	9010	2 01	10 36 32.20	15 48 12	56 23				434013
10207	JUPITER'BN, FLA.	9010	2 01	10 38 28.42	16 37 30	43 05				434013
30052	DENVER, COLO.	8592	2 01	12 27 08.7			249 24	81 00		845304
10210	TOKYO'BN, JAPAN	9005	2 01	17 57 38.00	15 07 36	71 24				434013
10211	TOKYO'BN, JAPAN	9005	2 01	19 58 32.70	14 18 24	42 26				434013
10212	ORGAN PASS'BN, N.H.	9001	2 02	12 55 38.29	14 18 30	29 17				434013
10214	TOKYO'BN, JAPAN	9005	2 02	18 22 49.60	12 47 54	72 34				434013
10215	TOKYO'BN, JAPAN	9005	2 02	20 24 10.60	13 16 54	50 42				434013
10216	SHIRAZ'BN, IRAN	9008	2 03	0 02 09.63	15 53 12	72 08				434013
10217	SHIRAZ'BN, IRAN	9008	2 03	2 03 31.55	14 17 48	58 40				434013
10213	SAN FERNANDO'BN, SP.	9004	2 03	5 46 44.50	13 32 24	31 33				434013
10225	MAUI'BN, HAWAII	9012	2 03	15 14 32.50	17 10 42	34 25				434013
30072	MITAKA, JAPAN	0229	2 03	18 51 22.5			32 36	69 30		845303
10218	TOKYO'BN, JAPAN	9005	2 03	18 51 23.40	14 13 18	52 10				434013
10219	TOKYO'BN, JAPAN	9005	2 03	20 51 35.70	13 22 12	8 52				434013
10220	SHIRAZ'BN, IRAN	9008	2 04	0 29 50.86	15 23 18	59 36				434013
10227	ORGAN PASS'BN, N.H.	9001	2 04	9 48 03.72	15 52 18	65 06				434013
10222	CURACAO'BN, N.W.I.	9009	2 04	10 04 13.67	16 42 42	37 38				434013
10226	MAUI'BN, HAWAII	9012	2 04	15 38 45.52	15 33 48	39 37				434013
10229	SHIRAZ'BN, IRAN	9008	2 04	22 57 49.93	16 32 00	55 57				434013
10223	CURACAO'BN, N.W.I.	9009	2 05	0 16 34.55	4 56 24	6 29				434013
30191	PUEBLA	0900	2 05	2 08 42.5	4 47 24	-38 29				845304
30192	PUEBLA	0900	2 05	2 09 59.7	6 05 06	-19 11				845304
10228	SAN FERNANDO'BN, SP.	9004	2 05	4 38 49.80	12 49 42	47 19				434013
10232	MAUI'BN, HAWAII	9012	2 05	14 03 45.91	16 25 00	60 55				434013
10233	MAUI'BN, HAWAII	9012	2 05	16 05 43.37	14 41 42	19 05				434013
10230	SHIRAZ'BN, IRAN	9008	2 05	23 23 36.17	15 51 18	57 05				434013
10231	SHIRAZ'BN, IRAN	9008	2 06	1 23 34.90	13 54 48	29 02				434013
10224	CURACAO'BN, N.W.I.	9009	2 06	8 33 55.38	15 55 48	61 31				434013
10242	MAUI'BN, HAWAII	9012	2 06	14 31 17.43	15 41 06	48 56				434013
10234	CURACAO'BN, N.W.I.	9009	2 07	1 07 23.57	0 30 36	30 06				434013
10241	SHIRAZ'BN, IRAN	9008	2 07	1 50 15.25	13 18 30	9 20				434013
10235	CURACAO'BN, N.W.I.	9009	2 07	9 20 59.57	14 50 00	50 32				434013
10236	CURACAO'BN, N.W.I.	9009	2 07	9 27 36.34	16 58 24	5 50				434013
36193	PUEBLA	0900	2 07	11 11 25.2	13 48 54	48 45				845303
10243	SHIRAZ'BN, IRAN	9008	2 07	16 10 58.17	5 59 48	2 24				434013
10239	TOKYO'BN, JAPAN	9005	2 07	18 35 27.30	11 47 42	42 33				434013
10240	TOKYO'BN, JAPAN	9005	2 07	20 35 43.10	11 56 42	-0 45				434013
10244	CURACAO'BN, N.W.I.	9009	2 07	23 36 49.03	3 45 00	25 18				434013
10237	SAN FERNANDO'BN, SP.	9004	2 08	3 58 30.00	12 26 42	40 51				434013
10256	MAUI'BN, HAWAII	9012	2 08	5 15 49.87	5 54 24	-10 19				434013
10238	SAN FERNANDO'BN, SP.	9004	2 08	5 57 55.30	11 54 30	1 13				434013
10245	CURACAO'BN, N.W.I.	9009	2 08	9 52 42.90	15 42 48	-3 07				434013
10257	MAUI'BN, HAWAII	9012	2 08	13 24 15.58	15 53 48	51 39				434013
10258	MAUI'BN, HAWAII	9012	2 08	15 24 47.55	13 48 24	14 49				434013
10248	CURACAO'BN, N.W.I.	9009	2 09	0 01 51.63	0 26 48	29 49				434013
30195	PUEBLA	0900	2 09	1 57 49.8	4 52 00	61 03				845303
30196	PUEBLA	0900	2 09	1 58 01.6	5 25 24	62 56				845303

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10247	SAN FERNANDO-BN, SP.	9004	2 09	4 24 57.60	12 02 48	23 33				434013
10252	JUPITER-BN, FLA.	9010	2 09	8 11 01.53	15 22 30	39 52				434013
10249	CURACAO-BN, N.W.I.	9009	2 09	8 15 50.18	15 51 48	43 30				434013
10250	CURACAO-BN, N.W.I.	9009	2 09	8 20 12.89	16 44 48	16 26				434013
10253	JUPITER-BN, FLA.	9010	2 09	10 03 27.61	10 19 36	39 29				434013
10254	JUPITER-BN, FLA.	9010	2 09	10 07 42.62	12 19 06	16 55				434013
10255	JUPITER-BN, FLA.	9010	2 09	10 08 56.30	12 50 30	9 47				434013
10251	CURACAO-BN, N.W.I.	9009	2 09	10 16 29.50	13 39 12	- 3 28				434013
10287	TOKYO-BN, JAPAN	9005	2 09	11 24 41.60	2 43 00	19 01				434013
10263	MAUI-BN, HAWAII	9012	2 09	13 50 26.59	14 50 18	46 23				434013
10262	MAUI-BN, HAWAII	9012	2 09	15 51 47.30	13 10 24	- 7 28				434013
10259	SHIRAZ-BN, IRAN	9008	2 09	17 02 43.93	2 06 12	48 23				434013
10288	TOKYO-BN, JAPAN	9005	2 09	19 29 21.10	11 48 18	4 18				434013
10260	SHIRAZ-BN, IRAN	9008	2 09	23 12 19.01	15 08 30	27 04				434013
10271	JUPITER-BN, FLA.	9010	2 10	0 29 03.42	4 24 24	10 06				434013
10272	JUPITER-BN, FLA.	9010	2 10	0 31 00.45	7 07 00	40 16				434013
10273	JUPITER-BN, FLA.	9010	2 10	0 33 18.37	9 30 00	47 11				434013
10261	SHIRAZ-BN, IRAN	9008	2 10	1 09 15.82	12 32 06	5 36				434013
10264	ORGAN PASS-BN, N.M.	9001	2 10	2 23 37.96	5 51 30	12 22				434013
30056	SAN ANTONIO, TEX.	0096	2 10	2 26 20.48	7 03 14	64 33				845013
10267	SAN FERNANDO-BN, SP.	9004	2 10	4 51 54.10	11 57 24	4 52				434013
10274	JUPITER-BN, FLA.	9010	2 10	8 35 39.79	13 56 18	37 00				434013
10275	JUPITER-BN, FLA.	9010	2 10	8 36 27.78	14 15 30	31 16				434013
10269	CURACAO-BN, N.W.I.	9009	2 10	8 45 25.84	15 48 06	10 30				434013
10289	TOKYO-BN, JAPAN	9005	2 10	9 54 38.90	6 09 54	4 07				434013
10276	JUPITER-BN, FLA.	9010	2 10	10 32 34.59	11 22 30	7 49				434013
10277	JUPITER-BN, FLA.	9010	2 10	10 34 41.28	12 04 12	- 2 45				434013
10301	SHIRAZ-BN, IRAN	9008	2 10	15 34 38.96	9 20 18	42 04				434013
10290	TOKYO-BN, JAPAN	9005	2 10	17 59 14.60	13 30 00	10 57				434013
10283	SAN FERNANDO-BN, SP.	9004	2 10	19 17 19.00	6 23 54	- 4 10				434013
10291	TOKYO-BN, JAPAN	9005	2 10	19 56 19.90	11 46 36	-10 03				434013
10302	SHIRAZ-BN, IRAN	9008	2 10	23 38 49.98	14 28 18	13 39				434013
10303	SHIRAZ-BN, IRAN	9008	2 11	1 33 03.59	11 13 48	3 56				434013
30059	CHINA LAKE, CAL.	8588	2 11	2 48 02.9			135 46 48	47 46 48		845303
10278	ORGAN PASS-BN, N.M.	9001	2 11	2 49 31.70	4 07 24	44 28				434013
10284	SAN FERNANDO-BN, SP.	9004	2 11	5 16 30.60	11 07 18	0 03				434013
10294	CURACAO-BN, N.W.I.	9009	2 11	9 06 41.81	12 50 48	28 35				434013
10285	SAN FERNANDO-BN, SP.	9004	2 11	19 43 08.10	5 28 42	21 48				434013
10307	CURACAO-BN, N.W.I.	9009	2 11	23 22 41.74	23 35 48	48 38				434013
10304	SHIRAZ-BN, IRAN	9008	2 12	0 04 02.11	13 17 12	5 10				434013
30060	EDINBURG, TEX.	0066	2 12	1 17 45.8			314	82 40		845303
30064	SAN ANTONIO, TEX.	0096	2 12	1 18 09.0	4 25 48	15 45				845043
10295	JUPITER-BN, FLA.	9010	2 12	1 20 26.59	0 25 18	42 00				434013
30057	NEW ORLEANS, LA.	0031	2 12	1 20 51			0	61		845302
10296	JUPITER-BN, FLA.	9010	2 12	1 21 52.03	0 39 12	62 57				434013
30074	MADISON, WISC.	0148	2 12	1 22 59.1	6 41 48	13 57				845012
30062	ROCHESTER, N.Y.	8564	2 12	1 23 41.2	4 27 00	21 33				845013
10279	ORGAN PASS-BN, N.M.	9001	2 12	3 15 41.85	2 09 04	62 30				434013
10297	JUPITER-BN, FLA.	9010	2 12	9 27 04.74	11 44 18	10 13				434013
10298	JUPITER-BN, FLA.	9010	2 12	9 28 27.63	12 17 18	2 05				434013
10308	CURACAO-BN, N.W.I.	9009	2 12	9 32 04.80	11 40 48	16 14				434013
10299	JUPITER-BN, FLA.	9010	2 12	9 32 21.55	13 37 06	-19 27				434013
10309	CURACAO-BN, N.W.I.	9009	2 12	9 38 26.00	13 51 24	-26 55				434023
10292	TOKYO-BN, JAPAN	9005	2 12	10 46 13.60	2 54 18	52 01				434013
10319	MAINI TAL-BN, INDIA	9006	2 12	14 30 23.36	1 21 30	64 32				434013
10305	SHIRAZ-BN, IRAN	9008	2 12	16 23 41.31	1 24 36	70 01				434013
10293	TOKYO-BN, JAPAN	9005	2 12	18 51 07.00	12 04 54	-11 54				434013
10286	SAN FERNANDO-BN, SP.	9004	2 12	20 09 00.90	3 55 00	49 28				434013
10320	MAINI TAL-BN, INDIA	9006	2 12	22 36 27.25	12 18 36	- 2 21				434013
10314	JUPITER-BN, FLA.	9010	2 12	23 49 03.46	3 24 00	24 24				434013
10315	JUPITER-BN, FLA.	9010	2 12	23 50 11.53	5 24 30	45 55				434013
10306	SHIRAZ-BN, IRAN	9008	2 13	0 30 04.65	12 27 30	- 8 26				434013
10316	JUPITER-BN, FLA.	9010	2 13	1 46 20.81	23 49 06	45 20				434013
10317	JUPITER-BN, FLA.	9010	2 13	1 48 35.03	23 17 30	69 36				434013
30065	CINCINNATI, OHIO	0050	2 13	1 48 49.1	4 25 48	56 51				845004
30067	SACRAMENTO, CAL.	8517	2 13	3 39 37.5			0 00	87 24		841304
30068	CHINA LAKE, CAL.	8588	2 13	3 39 55.1			328 16 48	60 29 24		845303
10281	ORGAN PASS-BN, N.M.	9001	2 13	3 42 06.18	0 34 12	70 08				434013
10321	TOKYO-BN, JAPAN	9005	2 13	9 14 41.10	5 48 42	13 54				434013
10312	JUPITER-BN, FLA.	9010	2 13	9 53 05.31	11 11 54	- 3 10				434013
10313	JUPITER-BN, FLA.	9010	2 13	9 55 53.36	12 03 12	-17 12				434013
10311	CURACAO-BN, N.W.I.	9009	2 13	10 01 25.11	11 57 00	-18 35				434013
10322	TOKYO-BN, JAPAN	9005	2 13	11 12 28.80	1 33 00	63 52				434013
10325	MAINI TAL-BN, INDIA	9006	2 13	14 55 52.66	23 53 18	58 23				434013
30070	CHINA LAKE, CAL.	8588	2 14	4 06 09.5			335 45 36	42 41 24		845303
10318	ORGAN PASS-BN, N.M.	9001	2 14	4 07 59.83	23 47 30	67 41				434013
10323	TOKYO-BN, JAPAN	9005	2 14	9 39 16.90	2 39 12	24 00				434013
10324	TOKYO-BN, JAPAN	9005	2 14	11 38 50.50	0 34 54	70 01				434013
10334	MAINI TAL-BN, INDIA	9006	2 14	15 22 52.14	22 57 12	68 13				434013
10328	JUPITER-BN, FLA.	9010	2 15	0 40 28.94	23 22 06	47 29				434013
10329	JUPITER-BN, FLA.	9010	2 15	0 41 19.54	23 18 48	59 33				434013
30075	N. CANTON, OHIO	8559	2 15	0 43 29.2	4 58 15	43 25				845013
30077	CHINA LAKE, CAL.	8588	2 15	2 33 34.2			323 27 00	83 06 36		845303
30076	WICHITA, KANSAS	8605	2 15	2 39 14.2	5 36 49	82 15				845012
30080	CINCINNATI, OHIO	0050	2 15	2 40 23.5	1 39 42	66 04				845004
30078	CHINA LAKE, CAL.	8588	2 15	4 32 36.3			343 46 12	34 21 36		845303
10336	TOKYO-BN, JAPAN	9005	2 15	10 06 15.10	1 58 48	62 48				434013
30095	MITAKA, JAPAN	0229	2 15	10 06 17.4			330 42	51 24		845303
30096	HIGASHIMATSUYAMA, JAP	0210	2 15	10 07 18	4 54	76 18				845013
10337	TOKYO-BN, JAPAN	9005	2 15	12 04 20.00	0 18 48	64 35				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10331	WOOMERA-BN, AUSTR.	9003	2 19	18 28 28.07	16 43 00	14 06				434013
10332	SAN FERNANDO-BN, SP.	9004	2 19	19 28 23.70	2 16 00	50 47				434013
10333	SAN FERNANDO-BN, SP.	9004	2 19	21 27 34.70	0 07 24	74 08				434013
30081	CINCINNATI, OHIO	0050	2 16	1 08 25.2	3 17 54	62 43				845004
30082	CHINA LAKE, CAL.	8588	2 16	2 59 35.1			330 17 24	50 43 12		845303
30083	CINCINNATI, OHIO	0050	2 16	3 05 27	1 11 24	57 09				845004
30084	CHINA LAKE, CAL.	8588	2 16	4 57 42.8			333 13 48	27 52 12		845303
10339	VILLA DOLORES-BN, ARG	9011	2 16	7 36 24.97	16 38 30	15 00				434013
10338	CURACAO-BN, N.W.I.	9009	2 16	9 21 10.36	11 27 36	-25 47				434023
10336	MAINI TAL-BN, INDIA	9006	2 16	14 16 05.23	22 35 00	64 57				434013
10340	WOOMERA-BN, AUSTR.	9003	2 16	18 54 07.15	16 18 24	6 43				434013
10361	SAN FERNANDO-BN, SP.	9004	2 16	19 54 48.50	0 50 24	68 18				434013
30085	FORT WORTH, TEX.	0139	2 17	1 30 28.4	23 44 00	58 06				845013
30086	WICHITA, KAN.	8605	2 17	1 32 29.2	4 43 16	74 22				845013
30086	CHINA LAKE, CAL.	8588	2 17	3 25 47.7			337 49 12	37 07 12		845303
30087	SAN JOSE, CAL.	8573	2 17	3 26 00.9			0	45 54 00		845304
10342	ORGAN PASS-BN, N.M.	9001	2 17	3 27 52.67	22 27 00	70 31				434013
10397	VILLA DOLORES-BN, ARG	9011	2 17	7 59 08.93	15 19 24	22 00				434013
10398	VILLA DOLORES-BN, ARG	9011	2 17	8 03 19.54	16 45 24	2 22				434013
10399	TOKYO-BN, JAPAN	9005	2 17	10 58 51.60	22 59 48	75 54				434013
30120	MITAKA	0229	2 17	10 58 56.6			346 06	31 00		845303
10345	WOOMERA-BN, AUSTR.	9003	2 17	19 20 01.61	15 46 00	-6 15				434013
10351	OLIFANTSFNTN-BN, S.A.F	9002	2 18	0 50 08.75	15 39 12	20 34				434013
10352	OLIFANTSFNTN-BN, S.A.F	9002	2 18	2 49 14.36	14 16 36	-13 13				434013
10363	TOKYO-BN, JAPAN	9005	2 18	9 25 34.90	0 14 00	60 39				434013
30121	MITAKA	0229	2 18	9 25 59.7			334 48	43 42		845303
30122	HIGASHIMATSUYAMA	0210	2 18	9 27 01.4	4 29 42	83 24				845013
10364	TOKYO-BN, JAPAN	9005	2 18	11 25 16.10	21 59 54	79 26				434013
30123	MITAKA	0229	2 18	11 25 35.1			334 42	29 18		845303
10353	WOOMERA-BN, AUSTR.	9003	2 18	19 46 05.45	15 03 12	-24 54				434023
10350	SAN FERNANDO-BN, SP.	9004	2 18	20 47 19.40	22 34 06	77 00				434013
10359	AREQUIPA-BN, PERU	9007	2 19	8 42 42.08	11 46 24	14 21				434013
10360	AREQUIPA-BN, PERU	9007	2 19	8 47 34.98	13 23 18	-18 36				434013
10365	TOKYO-BN, JAPAN	9005	2 19	9 51 35.30	22 56 00	64 50				434013
10366	TOKYO-BN, JAPAN	9005	2 19	11 50 37.00	23 13 36	73 45				434013
10349	WOOMERA-BN, AUSTR.	9003	2 19	18 12 49.75	15 30 06	3 45				434013
10346	SAN FERNANDO-BN, SP.	9004	2 19	19 14 38.90	23 15 42	74 52				434013
10347	SAN FERNANDO-BN, SP.	9004	2 19	21 13 46.10	21 44 00	81 50				434013
30091	ST. LOUIS, MO.	0140	2 20	0 53 40.7	4 56 18	85 52				845012
30092	CINCINNATI, OHIO	0050	2 20	0 54 08	0 15	76 55				845004
30094	N. CANTON, OHIO	8559	2 20	0 55 41.3	5 22 30	84 43				845013
30097	MADISON, WISC.	0148	2 20	0 58 08.5	11 00 30	42 00				845012
10344	OLIFANTSFNTN-BN, S.A.F	9002	2 20	1 44 18.27	15 26 30	-15 29				434013
10302	SACRAMENTO, CAL.	8517	2 20	2 45 36.8			0 00	44 49		845304
10362	SAN FERNANDO-BN, SP.	9004	2 20	19 40 15.00	22 15 54	69 39				434013
30098	MADISON, WISC.	0148	2 21	1 19 33.9	3 11 06	76 38				845012
10367	ORGAN PASS-BN, N.M.	9001	2 21	3 15 22.68	16 43 48	77 57				434013
10372	SAN FERNANDO-BN, SP.	9004	2 21	20 07 28.90	18 34 00	81 49				434013
10368	OLIFANTSFNTN-BN, S.A.F	9002	2 22	0 55 34.29	14 39 48	4 24				434013
30099	MADISON, WISC.	0148	2 22	1 45 54.3	4 03 18	82 31				845012
10369	OLIFANTSFNTN-BN, S.A.F	9002	2 22	2 34 34.41	12 32 00	-57 27				434023
10373	AREQUIPA-BN, PERU	9007	2 22	8 06 21.94	12 34 24	-25 47				434023
10377	TOKYO-BN, JAPAN	9005	2 22	11 11 40.70	15 53 12	82 16				434013
10370	WOOMERA-BN, AUSTR.	9003	2 22	17 32 55.33	15 18 54	-7 18				434013
10371	WOOMERA-BN, AUSTR.	9003	2 22	19 51 17.26	13 21 36	-48 19				434023
10376	SAN FERNANDO-BN, SP.	9004	2 22	20 55 28.40	18 31 30	82 57				434013
30103	WICHITA, KAN.	8605	2 23	2 10 06.4	18 16 20	83 26				845013
30104	WICHITA, KAN.	8605	2 23	2 10 11.8	17 38 21	83 23				845013
10380	TOKYO-BN, JAPAN	9005	2 23	9 58 29.60	18 00 00	79 09				434013
10375	WOOMERA-BN, AUSTR.	9003	2 23	16 01 05.32	15 28 12	4 57				434013
10378	OLIFANTSFNTN-BN, S.A.F	9002	2 24	1 28 55.03	13 43 18	-38 39				434023
10380	TOKYO-BN, JAPAN	9005	2 24	10 04 31.90	17 37 00	79 24				434013
10381	WOOMERA-BN, AUSTR.	9003	2 24	16 25 44.71	14 58 18	0 38				434013
10385	WOOMERA-BN, AUSTR.	9003	2 24	18 23 37.32	13 24 48	-34 08				434023
30096	POTSDAM	2729	2 24	19 29 57.8	5 29 54	33 38				637007
30106	ROCHESTER, N.Y.	8564	2 25	1 07 44.9	7 36	77 48				845013
10384	OLIFANTSFNTN-BN, S.A.F	9002	2 25	1 54 03.81	12 04 18	-46 39				434023
10382	ORGAN PASS-BN, N.M.	9001	2 25	3 00 34.62	16 16 30	77 51				434013
10387	SAN FERNANDO-BN, SP.	9004	2 25	19 53 01.50	15 56 48	80 52				434013
10383	ORGAN PASS-BN, N.M.	9001	2 26	3 27 28.36	13 24 48	74 19				434013
10386	WOOMERA-BN, AUSTR.	9003	2 26	17 16 04.05	13 23 48	-20 22				434013
30107	N. CANTON, OHIO	8559	2 27	1 58 39.9	6 48 40	71 18				845013
10389	ORGAN PASS-BN, N.M.	9001	2 27	3 51 40.94	0 09 00	85 33				434013
10394	TOKYO-BN, JAPAN	9005	2 27	11 23 18.70	9 48 30	74 31				434013
10392	WOOMERA-BN, AUSTR.	9003	2 27	17 42 13.14	12 39 06	-38 28				434023
10391	WOOMERA-BN, AUSTR.	9003	2 27	19 44 04.00	10 50 30	-78 00				434023
10393	SAN FERNANDO-BN, SP.	9004	2 27	20 45 54.60	10 33 18	70 28				434013
10396	TOKYO-BN, JAPAN	9005	2 28	9 50 09.70	14 33 00	78 38				434013
10397	TOKYO-BN, JAPAN	9005	2 28	11 47 52.20	4 55 54	68 35				434013
30110	ROCHESTER, N.Y.	8564	3 01	0 52 28.6	6 03 12	69 31				845013
30111	ROCHESTER, N.Y.	8564	3 01	0 52 44.7	6 55 36	87 30				845013
30112	N. CANTON, OHIO	8565	3 01	0 54 30.1	10 28 10	44 51				845013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10398	ORGAN PASS-BN, N.M.	9001	3 01	2 46 21.43	13 08 00	79 12				434013
90018	KHARKOV	1060	3 01	17 46 43.3	4 56 00	26 06				843009
10399	SAN FERNANDO-BN, SP.	9004	3 01	21 35 45.80	4 49 12	53 03				434013
10401	JUPITER-BN, FLA.	9010	3 02	1 19 48.15	12 58 48	74 22				434013
10400	ORGAN PASS-BN, N.M.	9001	3 02	3 13 12.15	10 57 24	63 59				434013
10402	VILLA DOLORES-BN, ARG	9011	3 02	5 45 23.11	14 34 30	-36 30				434023
10403	VILLA DOLORES-BN, ARG	9011	3 02	7 41 24.81	10 43 00	-53 02				434023
90017	BLAGOVESHCHENSK	1010	3 02	10 38 55.0	6 11 00	53 24				843009
30114	WICHITA	8405	3 03	1 40 11.00	7 14 38	88 47				843013
30115	WICHITA	8405	3 03	1 40 16.88	9 02 04	87 34				843013
30116	MADISON	0148	3 03	1 42 00.0	6 24 54	54 40				843012
30118	TERRE HAUTE	8127	3 03	1 43 07.5			27	65 35		843303
10410	SHIRAZ-BN	9008	3 03	16 47 14.30	10 03 36	60 24				434013
10409	WOONERA-BN	9003	3 03	17 27 04.27	11 07 30	-54 28				434023
10408	SAN FERNANDO-BN	9004	3 03	20 30 34.40	7 47 06	59 20				434013
30119	STATE COLLEGE	8594	3 04	0 12 03.0			18 48	54 30		843303
10411	SHIRAZ-BN	9008	3 04	17 11 55.97	6 43 30	58 18				434013
10414	JUPITER-BN	9010	3 05	0 40 34.62	11 30 54	55 24				434013
30146	WALRUT CREEK	8535	3 05	4 28 19.9	6 44 15	34 15				843013
10412	SHIRAZ-BN	9008	3 05	17 35 51.30	3 58 18	41 20				434013
10407	WOONERA-BN	9003	3 05	18 21 14.94	9 50 00	-79 35				434023
10413	SAN FERNANDO-BN	9004	3 05	19 23 30.60	8 54 54	72 27				434013
10431	MAUI-BN	9012	3 06	6 46 25.37	9 31 06	57 37				434013
10424	MAINI TAL-BN	9006	3 06	14 13 30.38	9 45 42	55 59				434013
10422	SHIRAZ-BN	9008	3 06	16 06 13.11	9 20 24	54 36				434013
10417	WOONERA-BN	9003	3 06	16 43 31.60	10 27 24	-59 24				434023
10423	SHIRAZ-BN	9008	3 06	18 02 30.38	4 50 36	15 35				434013
10418	WOONERA-BN	9003	3 06	18 47 19.12	8 38 36	-80 10				434023
10419	SAN FERNANDO-BN	9004	3 06	19 49 39.90	7 19 42	52 09				434013
30127	DALLAS	0129	3 07	1 26 52.13	9 30 54	68 12				843013
30129	N. CANTON	8565	3 07	1 28 30.0	5 37 21	15 16				843013
30131	ROCHESTER	8564	3 07	1 29 00.8	5 24 00	4 25				843013
30132	ROCHESTER	8564	3 07	1 29 26.0	5 44 54	1 42				843013
30147	SACRAMENTO	8517	3 07	3 18 54.7			0 00	73 22		841304
30134	CINCINNATI	0090	3 07	3 25 46.0	5 20 18	- 8 27				843004
10425	VILLA DOLORES-BN	9011	3 07	5 37 00.73	13 23 18	-70 55				434023
10426	VILLA DOLORES-BN	9011	3 07	7 30 00.84	8 47 00	-50 08				434023
10430	SHIRAZ-BN	9008	3 07	16 32 18.57	7 45 30	35 13				434013
10428	WOONERA-BN	9003	3 07	19 14 55.58	1 32 00	-84 47				434023
10429	SAN FERNANDO-BN	9004	3 07	20 15 43.68	6 29 36	23 45				434013
10432	ORGAN PASS-BN	9001	3 08	1 50 30.94	9 27 12	65 32				434013
30182	SAN ANTONIO	8610	3 08	1 51 30.4	6 16	76 24				843013
30142	DALLAS	0129	3 08	1 52 49.28	7 32 00	40 27				843013
30143	N. CANTON	8559	3 08	1 54 13.7	5 13 00	- 0 49				843014
30137	ROCHESTER	9050	3 08	1 54 16.2	4 59 36	- 5 46				843013
10434	JUPITER-BN	9010	3 08	1 56 12.41	5 35 42	32 30				434013
30148	N. CANTON	8559	3 08	1 56 54.1	6 56 32	-16 00				843013
10435	JUPITER-BN	9010	3 08	1 58 44.45	7 39 36	7 37				434013
10433	ORGAN PASS-BN	9001	3 08	3 49 34.19	6 06 30	4 01				434013
30141	DENVER	8592	3 08	3 49 54.3			204 00	31 18		843304
10448	MAUI-BN	9012	3 08	5 40 05.87	10 41 30	53 30				434013
10436	VILLA DOLORES-BN	9011	3 08	6 18 05.14	9 21 48	-56 58				434023
10437	V. LA DOLORES-BN	9011	3 08	6 22 14.85	14 05 00	-80 00				434023
10449	MAU.-BN	9012	3 08	7 35 48.41	4 44 48	30 49				434013
10438	WOONERA-BN	9003	3 08	17 39 13.85	9 09 30	-77 47				434023
10439	SAN FERNANDO-BN	9004	3 08	20 41 08.90	5 31 42	5 37				434013
10446	JUPITER-BN	9010	3 09	0 23 30.08	8 32 00	72 29				434013
10447	JUPITER-BN	9010	3 09	0 25 20.52	9 34 54	44 41				434013
10443	OLIFANTSFRTH-BN	9002	3 09	1 09 50.74	7 36 00	-73 44				434023
10441	ORGAN PASS-BN	9001	3 09	2 16 21.59	7 04 18	52 22				434013
30149	ALAMOGORDO	0102	3 09	2 16 47			45	72 36		843302
30152	DALLAS	0129	3 09	2 18 35.39	6 11 00	22 22				843013
10444	JUPITER-BN	9010	3 09	2 21 26.06	4 44 48	11 35				434013
10445	JUPITER-BN	9010	3 09	2 23 53.19	6 16 48	- 6 52				434013
10442	ORGAN PASS-BN	9001	3 09	4 14 43.69	5 18 06	- 7 42				434013
10454	TOKYO-BN	9005	3 09	9 46 55.80	7 02 30	33 03				434013
10455	SHIRAZ-BN	9008	3 09	17 23 32.49	5 34 36	- 6 55				434013
10453	SAN FERNANDO-BN	9004	3 09	21 06 09.30	4 46 18	- 6 25				434013
10456	JUPITER-BN	9010	3 10	0 30 27.00	7 20 36	39 24				434013
10451	ORGAN PASS-BN	9001	3 10	2 42 22.20	5 59 12	21 31				434013
30159	FT. WORTH	0139	3 10	2 44 01.73	5 20 00	2 19				843013
30156	DALLAS	0129	3 10	2 44 14.62	5 23 25	- 0 04				843013
10457	JUPITER-BN	9010	3 10	2 46 10.06	4 11 42	1 18				434013
30185	SAN ANTONIO	8610	3 10	2 47 03	7 28	-11 54				843013
30169	PUEBLA	0900	3 10	2 47 15.2	7 32 42	23 27				843013
10458	JUPITER-BN	9010	3 10	2 49 50.00	5 46 00	-20 09				434013
10477	MAUI-BN	9012	3 10	6 32 06.91	7 36 30	19 48				434013
10461	VILLA DOLORES-BN	9011	3 10	7 07 06.07	8 07 48	-45 35				434023
10462	VILLA DOLORES-BN	9011	3 10	7 13 36.10	9 09 00	-84 40				434023
10478	MAUI-BN	9012	3 10	8 28 03.35	4 50 36	- 8 18				434013
10472	TOKYO-BN	9005	3 10	10 11 59.60	5 19 42	13 52				434013
30175	MITAKA	0229	3 10	10 12 00.7			222 18	62 24		843303
10465	WOONERA-BN	9003	3 10	16 30 25.19	9 04 36	-70 17				434023
10467	WOONERA-BN	9003	3 10	18 33 28.95	22 22 30	-86 29				434023
10470	SAN FERNANDO-BN	9004	3 10	19 34 10.80	5 22 12	18 39				434013
10480	JUPITER-BN	9010	3 11	1 14 23.21	4 14 18	28 46				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10481	JUPITER-BN	9010	3 11	1 19 09.22	4 55 48	22 52				434013
10482	JUPITER-BN	9010	3 11	1 18 24.05	7 27 14	- 9 12				434013
30198	CHINA LAKE	8988	3 11	3 05 09.6			222 15 00	64 30 36		845303
30160	DENVER	8992	3 11	3 07 29.1			217 12	27 24		845304
10479	MAUI-BN	9012	3 11	6 58 16.01	6 31 12	- 8 03				434013
10473	TOKYO-BN	9005	3 11	10 37 43.30	4 52 00	- 6 01				434013
10471	SAN FERNANDO-BN	9004	3 11	19 59 11.60	4 14 54	1 58				434013
30164	TERRE HAUTE	8127	3 12	1 37 25.9			228	28 10		845302
30165	CINCINNATI	0050	3 12	1 37 53.4			230 00	25 24		845303
10463	OREAN PASS-BN	9001	3 12	3 33 18.06	4 33 30	-12 30				434013
10483	MAUI-BN	9012	3 12	5 24 15.57	8 02 24	46 16				434013
10484	MAUI-BN	9012	3 12	7 23 09.60	5 17 18	-16 31				434013
30178	MITAKA	0229	3 12	11 02 49.4			232 42	22 04		845302
10474	TOKYO-BN	9005	3 12	11 02 54.30	4 20 36	-14 27				434013
10488	MAINI TAL-BN	9006	3 12	14 50 03.04	5 21 48	-15 53				434013
10464	WOONERA-BN	9003	3 12	15 23 55.63	10 59 12	-75 00				434023
10468	WOONERA-BN	9003	3 12	17 24 41.09	8 12 00	-86 53				434023
10476	CURACAO-BN	9009	3 13	0 15 01.37	7 37 36	23 40				434013
30168	CHINA LAKE	0098	3 13	3 55 52.8			232 37 12	22 30 36		841303
10490	MAUI-BN	9017	3 13	5 49 55.01	6 04 00	21 33				434013
10491	MAUI-BN	9012	3 13	7 49 17.27	5 01 30	-26 58				434023
10486	WOONERA-BN	9003	3 13	17 51 48.93	20 10 00	-85 38				434023
10487	WOONERA-BN	9003	3 13	19 53 34.94	19 14 00	-63 53				434023
10492	CURACAO-BN	9009	3 14	0 40 47.04	6 05 00	- 2 32				434013
10489	AREQUIPA-BN	9007	3 14	0 49 21.07	10 12 24	9 26				434013
10503	MAUI-BN	9012	3 14	6 16 12.80	5 18 12	- 9 49				434013
10501	VILLA DOLORES-BN	9011	3 14	6 34 03.83	7 49 04	-62 53				434023
10502	VILLA DOLORES-BN	9011	3 14	6 59 11.84	19 12 00	-84 55				434023
10497	WOONERA-BN	9003	3 14	16 15 14.35	7 58 12	-77 25				434023
10496	OLIFANTSFRTH-BN	9002	3 14	17 42 50.90	10 11 30	22 30				434013
10498	WOONERA-BN	9003	3 14	18 18 45.75	19 37 00	-78 29				434023
10500	CURACAO-BN	9009	3 15	1 06 34.34	5 07 18	-20 12				434013
10494	OREAN PASS-BN	9001	3 15	2 50 54.07	3 00 06	-11 02				434013
10511	VILLA DOLORES-BN	9011	3 15	3 23 04.83	8 46 00	-80 12				434023
10513	MAUI-BN	9012	3 15	6 41 04.33	4 14 54	-17 04				434013
10512	VILLA DOLORES-BN	9011	3 15	9 27 17.15	18 17 48	-69 34				434023
10505	WOONERA-BN	9003	3 15	10 39 20.83	10 21 12	13 54				434013
10507	WOONERA-BN	9003	3 15	14 42 10.41	10 43 30	-77 28				434023
10508	WOONERA-BN	9003	3 15	16 43 15.62	15 25 00	-89 01				434023
30177	PRETORIA	8976	3 15	18 09 18.9			52 24	41 42		845303
10509	WOONERA-BN	9003	3 15	18 45 46.37	19 10 48	-68 18				434023
10514	AREQUIPA-BN	9007	3 16	1 40 01.55	7 48 12	-21 27				434013
30170	CHINA LAKE	0098	3 16	3 14 46.4			229 24 00	17 34 12		841303
10515	WOONERA-BN	9003	3 16	11 05 01.64	9 57 06	3 05				434013
10516	WOONERA-BN	9003	3 16	13 04 07.34	8 20 48	-39 18				434023
10517	WOONERA-BN	9003	3 16	15 07 31.60	8 30 42	-78 37				434023
10518	WOONERA-BN	9003	3 16	17 10 11.81	18 47 00	-83 17				434023
10519	WOONERA-BN	9003	3 16	19 12 03.15	18 18 18	-59 26				434023
10524	VILLA DOLORES-BN	9011	3 17	0 10 28.05	9 11 12	18 43				434013
10521	OLIFANTSFRTH-BN	9002	3 17	0 42 11.37	20 50 00	-82 26				434023
10522	AREQUIPA-BN	9007	3 17	2 00 43.08	5 05 48	0 48				434013
10525	VILLA DOLORES-BN	9011	3 17	2 11 37.22	8 31 00	-55 05				434023
10523	AREQUIPA-BN	9007	3 17	2 11 39.01	10 19 00	-67 57				434023
10526	VILLA DOLORES-BN	9011	3 17	6 1 34.95	7 10 00	-56 11				434023
10527	VILLA DOLORES-BN	9011	3 17	6 20 12.80	19 14 30	-64 42				434023
10528	VILLA DOLORES-BN	9011	3 17	8 10 58.35	9 02 18	-55 45				434023
10529	VILLA DOLORES-BN	9011	3 17	8 17 31.23	16 01 12	-72 43				434023
10532	WOONERA-BN	9003	3 17	11 30 38.98	9 19 24	-11 43				434013
10535	WOONERA-BN	9003	3 17	13 31 04.43	7 58 48	-56 32				434023
10531	WOONERA-BN	9003	3 17	15 33 59.45	7 58 30	-82 43				434023
10534	WOONERA-BN	9003	3 17	17 37 12.00	18 36 00	-75 18				434023
10537	AREQUIPA-BN	9007	3 18	2 33 38.94	6 12 48	-56 45				434023
10547	MAUI-BN	9012	3 18	5 59 53.12	3 37 24	-23 28				434013
10550	WOONERA-BN	9003	3 18	9 57 28.54	9 49 36	11 51				434013
10555	WOONERA-BN	9003	3 18	11 56 30.70	8 36 08	-30 13				434023
10556	AREQUIPA-BN	9007	3 18	0 57 18.06	6 30 54	-19 28				434013
10558	VILLA DOLORES-BN	9011	3 18	1 01 05.15	7 20 34	- 3 57				434013
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10540	VILLA DOLORES-BN	9011	3 19	3 12 32.74	16 31 24	-62 51				434023
10541	VILLA DOLORES-BN	9011	3 19	5 09 22.82	17 15 00	-82 50				434023
10542	VILLA DOLORES-BN	9011	3 19	7 07 24.73	10 48 48	-78 18				434023
10543	VILLA DOLORES-BN	9011	3 19	7 12 11.73	18 26 36	-58 39				434023
10544	VILLA DOLORES-BN	9011	3 19	9 08 42.23	14 06 00	-43 04				434023
10545	VILLA DOLORES-BN	9011	3 19	9 12 43.72	17 11 18	-11 35				434013
10548	OLIFANTSFRTH-BN	9002	3 19	17 52 42.78	8 19 24	- 9 12				434013
10549	OLIFANTSFRTH-BN	9002	3 19	17 53 17.44	8 36 48	-13 26				434013
10550	OLIFANTSFRTH-BN	9002	3 19	18 01 21.29	12 38 12	-43 13				434023
10551	OLIFANTSFRTH-BN	9002	3 19	21 53 40.01	5 36 54	-64 02				434023
10554	VILLA DOLORES-BN	9011	3 19	23 29 30.72	8 52 18	11 10				434013
10553	AREQUIPA-BN	9007	3 20	1 24 01.17	5 44 30	-40 44				434023
10558	VILLA DOLORES-BN	9011	3 20	1 30 14.95	8 07 18	-43 48				434023
10559	VILLA DOLORES-BN	9011	3 20	3 31 43.40	7 13 48	-72 41				434023
10560	VILLA DOLORES-BN	9011	3 20	5 34 02.47	10 49 00	-86 14				434023
10562	VILLA DOLORES-BN	9011	3 20	9 35 14.89	14 20 24	-16 57				434013
10555	AREQUIPA-BN	9007	3 20	9 39 13.36	18 28 00	-38 04				434023
10563	OLIFANTSFRTH-BN	9002	3 20	18 21 43.65	9 24 48	-49 42				434023
10564	OLIFANTSFRTH-BN	9002	3 20	20 12 56.82	4 45 48	-23 18				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10565	OLIFANTSFNTH-BN	9002	3 20	20 19 15.51	5 42 30	-60 11				434023
10566	OLIFANTSFNTH-BN	9002	3 20	22 18 11.51	5 31 12	-57 40				434023
10567	OLIFANTSFNTH-BN	9002	3 20	22 23 58.63	5 45 00	-66 10				434023
10568	OLIFANTSFNTH-BN	9002	3 20	22 28 54.00	18 51 00	-66 49				434023
10573	CURACAO-BN	9009	3 20	23 43 50.88	3 37 54	-32 20				434023
10574	VILLA DOLORES-BN	9011	3 20	23 53 56.65	7 38 48	-3 19				434013
10579	VILLA DOLORES-BN	9011	3 20	23 59 27.20	10 23 24	-28 38				434023
10569	OLIFANTSFNTH-BN	9002	3 21	0 21 27.00	7 27 00	-70 54				434023
10570	OLIFANTSFNTH-BN	9002	3 21	0 25 44.41	16 36 00	-84 37				434023
10576	VILLA DOLORES-BN	9011	3 21	1 52 36.41	5 52 24	-29 59				434023
10577	VILLA DOLORES-BN	9011	3 21	2 00 24.61	11 52 00	-71 20				434013
10578	VILLA DOLORES-BN	9011	3 21	3 58 56.02	7 38 00	-81 34				434023
10580	VILLA DOLORES-BN	9011	3 21	8 03 28.68	16 14 24	-42 33				434023
10572	AREQUIPA-BN	9007	3 21	10 04 53.79	16 42 54	-14 16				434013
10581	WOOMERA-BN	9003	3 21	11 14 21.84	7 46 30	-34 02				434023
10582	WOOMERA-BN	9003	3 21	15 19 11.89	15 00 36	-87 05				434023
10583	WOOMERA-BN	9003	3 21	17 21 54.85	17 03 30	-64 43				434023
10593	OLIFANTSFNTH-BN	9002	3 21	18 42 45.71	5 37 48	-31 00				434023
10594	OLIFANTSFNTH-BN	9002	3 21	20 45 09.12	5 10 30	-61 40				434023
10586	VILLA DOLORES-BN	9011	3 22	2 22 54.53	6 51 00	-66 35				434023
10587	VILLA DOLORES-BN	9011	3 22	4 23 14.93	6 25 54	-72 30				434023
10588	VILLA DOLORES-BN	9011	3 22	4 28 54.04	17 29 54	-72 14				434023
10589	VILLA DOLORES-BN	9011	3 22	6 28 51.44	16 43 30	-66 46				434023
10590	VILLA DOLORES-BN	9011	3 22	8 29 59.16	15 46 18	-19 57				434013
10591	WOOMERA-BN	9003	3 22	13 42 52.92	6 41 00	-78 16				434023
10592	WOOMERA-BN	9003	3 22	15 46 37.03	17 03 30	-78 03				434023
10597	VILLA DOLORES-BN	9011	3 23	0 47 58.98	7 13 18	-46 37				434023
10596	AREQUIPA-BN	9007	3 23	8 56 02.22	16 23 00	-46 12				434023
10598	WOOMERA-BN	9003	3 23	10 06 30.64	7 50 42	-19 41				434013
10600	WOOMERA-BN	9003	3 23	14 10 37.79	11 35 30	-87 34				434023
10601	WOOMERA-BN	9003	3 23	16 13 24.13	16 46 00	-70 36				434023
10602	WOOMERA-BN	9003	3 23	18 14 21.60	15 30 18	-34 30				434023
10599	OLIFANTSFNTH-BN	9002	3 24	1 46 08.51	15 08 48	-39 23				434023
10603	CURACAO-BN	9009	3 24	9 31 59.80	20 41 30	-13 42				434013
10607	WOOMERA-BN	9003	3 24	10 32 21.38	7 01 18	-39 05				434023
10609	WOOMERA-BN	9003	3 24	12 33 47.06	6 03 30	-71 51				434023
10610	WOOMERA-BN	9003	3 24	14 37 44.09	16 13 00	-82 22				434023
10611	WOOMERA-BN	9003	3 24	16 43 03.27	17 34 06	-37 48				434023
10614	VILLA DOLORES-BN	9011	3 25	7 47 30.49	14 42 48	-19 42				434013
10616	MAUI-BN	9012	3 25	15 35 34.76	20 01 12	-21 02				434013
10615	VILLA DOLORES-BN	9011	3 26	0 08 07.89	8 28 30	-63 30				434023
10613	AREQUIPA-BN	9007	3 26	8 15 39.52	16 26 42	-25 48				434023
10608	WOOMERA-BN	9003	3 26	11 25 09.04	5 45 42	-66 48				434023
10605	WOOMERA-BN	9003	3 26	13 28 05.45	9 25 00	-87 34				434023
10604	OLIFANTSFNTH-BN	9002	3 26	18 54 06.85	3 53 30	-57 14				434023
10619	WOOMERA-BN	9003	3 27	11 51 38.02	5 13 18	-73 52				434023
10620	WOOMERA-BN	9003	3 27	13 54 31.05	13 13 00	-86 08				434023
10618	OLIFANTSFNTH-BN	9002	3 27	17 22 22.90	5 45 24	-66 29				434023
10622	VILLA DOLORES-BN	9011	3 28	1 03 36.67	14 20 12	-73 15				434023
10623	VILLA DOLORES-BN	9011	3 28	2 56 53.65	4 51 00	-63 41				434023
10624	WOOMERA-BN	9003	3 28	10 16 20.07	5 21 00	-57 37				434023
10626	MAUI-BN	9012	3 29	15 19 38.28	17 50 18	17 43				434013
10629	TOKYO-BN	9005	3 30	19 32 02.90	19 52 42	- 5 15				434013
10628	SHIRAZ-BN	9008	3 31	1 07 57.81	18 49 18	- 0 38				434013
10634	JUPITER-BN	9010	3 31	10 31 47.45	16 12 00	31 19				434013
30181	PHOENIX	8576	3 31	12 24 06.3			180	47 48		865303
10633	SHIRAZ-BN	9008	4 01	1 33 12.25	17 01 06	30 31				434013
10630	ORGAN PASS-BN	9001	4 01	10 54 00.52	19 16 42	-10 40				434013
10635	ORGAN PASS-BN	9001	4 02	11 18 54.83	18 13 54	4 01				434013
10631	MAINI TAL-BN	9006	4 02	22 33 31.53	18 18 48	8 30				434013
10632	SHIRAZ-BN	9008	4 03	0 26 28.34	18 15 36	12 30				434013
10643	JUPITER-BN	9010	4 03	9 50 05.74	15 18 42	39 42				434013
10644	JUPITER-BN	9010	4 03	9 51 41.75	18 03 48	66 26				434013
10637	ORGAN PASS-BN	9001	4 03	11 42 36.73	15 09 30	8 04				434013
10638	ORGAN PASS-BN	9001	4 03	11 46 48.99	22 15 18	54 58				434013
10642	TOKYO-BN	9005	4 03	19 15 24.60	18 00 12	28 43				434013
10640	SHIRAZ-BN	9008	4 04	0 51 20.75	15 56 54	37 24				434013
10641	SAN FERNANDO-BN	9004	4 04	4 37 45.07	18 15 54	15 12				434013
10647	JUPITER-BN	9010	4 04	8 18 23.30	18 24 18	3 07				434013
10645	ORGAN PASS-BN	9001	4 04	10 12 14.00	18 35 30	- 3 39				434013
10648	WOOMERA-BN	9003	4 04	11 21 32.85	14 05 00	-83 45				434023
10646	ORGAN PASS-BN	9001	4 04	12 09 51.95	14 18 06	61 38				434013
10651	JUPITER-BN	9010	4 05	8 43 02.00	16 40 24	22 10				434013
10649	WOOMERA-BN	9003	4 05	9 44 59.74	2 18 00	-80 19				434023
10650	WOOMERA-BN	9003	4 05	11 48 06.43	13 44 00	-78 11				434023
10653	MAUI-BN	9012	4 06	14 46 46.68	11 51 54	54 33				434013
10656	TOKYO-BN	9005	4 06	18 33 36.40	17 15 00	38 42				434013
10654	MAINI TAL-BN	9006	4 06	22 16 21.52	15 07 12	38 13				434013
10657	VILLA DOLORES-BN	9011	4 09	0 13 49.73	13 34 06	-69 15				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90187	ALBUQUERQUE	8934	4 09	10 21 26.6	16 40 12	50 06				845042
10660	MAJI-BN	9012	4 09	14 09 09.69	11 11 42	58 30				434013
10660	TOKYO-BN	9005	4 09	17 30 51.60	15 20 12	34 57				434013
10669	WOOMERA-BN	9003	4 10	9 56 14.40	13 27 30	-83 21				434023
10661	WOOMERA-BN	9003	4 10	11 57 59.59	11 38 00	-61 42				434023
10669	TOKYO-BN	9005	4 10	18 16 17.50	13 36 00	54 26				434013
10662	SHIRAZ-BN	9008	4 10	23 33 03.27	12 09 06	61 47				434013
10663	VILLA DOLORES-BN	9011	4 11	1 05 24.39	11 53 54	-60 00				434023
10665	WOOMERA-BN	9003	4 11	12 21 56.11	9 20 30	-57 22				434023
10666	OLIFANTSFNTH-BN	9002	4 11	17 37 31.15	13 49 06	-60 37				434023
10670	VILLA DOLORES-BN	9011	4 11	23 30 17.78	12 42 00	-74 10				434023
10667	SHIRAZ-BN	9008	4 12	0 19 09.56	10 04 36	69 27				434013
10668	AREQUIPA-BN	9007	4 12	1 30 19.81	13 12 12	-74 04				434023
10674	VILLA DOLORES-BN	9011	4 12	23 35 01.66	10 28 24	-76 54				434023
10675	VILLA DOLORES-BN	9011	4 13	0 02 01.47	13 25 30	-31 47				434023
10683	TOKYO-BN	9005	4 13	17 35 00.60	13 40 12	70 22				434013
10673	SHIRAZ-BN	9008	4 13	23 11 26.66	11 27 00	69 53				434013
10672	SAN FERNANDO-BN	9004	4 14	2 56 53.70	14 09 12	59 15				434013
10685	JUPITER-BN	9010	4 14	8 34 33.74	10 20 06	54 41				434013
10679	WOOMERA-BN	9003	4 14	9 40 30.59	12 13 00	-73 13				434023
10680	WOOMERA-BN	9003	4 14	11 42 00.02	10 43 36	-39 25				434023
10687	VILLA DOLORES-BN	9011	4 15	0 50 32.64	11 25 30	-31 06				434023
10677	OLIFANTSFNTH-BN	9002	4 15	17 40 43.80	12 23 12	-54 09				434023
10676	ORGAN PASS-BN	9001	4 16	9 21 36.90	11 20 54	65 50				434013
30198	SAN JOSE	8573	4 16	11 19 14.7	2 59 48	84 06	333 18	49 00		845013
30208	MITAKA	0229	4 16	16 32 28.8						845303
10678	OLIFANTSFNTH-BN	9002	4 16	18 07 27.00	11 46 06	-38 41				434023
10688	ORGAN PASS-BN	9001	4 17	9 47 26.91	9 34 00	70 45				434013
10690	TOKYO-BN	9005	4 17	17 18 18.40	10 19 48	75 58				434013
10689	OLIFANTSFNTH-BN	9002	4 17	18 32 54.62	10 42 48	-26 08				434023
10691	SHIRAZ-BN	9008	4 17	22 34 26.83	9 24 00	67 27				434013
10693	VILLA DOLORES-BN	9011	4 17	23 39 31.12	4 29 24	-55 45				434023
10694	VILLA DOLORES-BN	9011	4 18	0 07 35.12	10 39 30	-28 03				434023
10695	ORGAN PASS-BN	9001	4 18	8 16 45.74	19 47 42	72 59				434013
10697	OLIFANTSFNTH-BN	9002	4 18	16 56 09.54	10 57 00	-64 52				434023
10698	TOKYO-BN	9005	4 18	17 43 37.60	8 57 54	73 18				434013
10699	AREQUIPA-BN	9007	4 19	0 31 32.92	10 34 24	-59 37				434023
10700	AREQUIPA-BN	9007	4 19	0 37 04.36	12 30 36	-23 02				434023
10701	WOOMERA-BN	9003	4 19	9 51 02.98	10 23 48	-43 43				434023
10703	WOOMERA-BN	9003	4 19	11 50 30.83	8 54 18	0 24				434013
10709	TOKYO-BN	9005	4 19	16 10 04.00	11 52 42	67 16				434013
10704	OLIFANTSFNTH-BN	9002	4 19	17 24 21.30	10 56 30	-37 15				434023
10710	TOKYO-BN	9005	4 19	18 09 55.30	6 00 00	76 24				434013
10709	OLIFANTSFNTH-BN	9002	4 19	19 25 56.98	9 03 48	6 02				434013
30028	VILNIUS	1012	4 20	1 38 39.2	14 55 00	19 12				845009
30201	CINCINNATI	0090	4 20	5 18 04	18 50 48	33 18				845004
30202	CINCINNATI	0090	4 20	7 11 56.7	13 03 36	68 11				845004
30204	NORTH CANTON	8559	4 20	7 13 37.1	15 41 00	76 30				845013
10706	JUPITER-BN	9010	4 20	7 13 41.81	4 04 00	78 31				434013
30203	CINCINNATI	0090	4 20	9 11 24.5	5 03 00	81 51				845004
30206	NORTH CANTON	8559	4 20	9 12 05.2	4 04 55	85 00				845013
10706	WOOMERA-BN	9003	4 20	10 16 19.58	9 18 30	-31 14				434023
10712	MAINI TAL-BN	9006	4 20	20 19 22.62	8 51 00	70 16				434013
10713	AREQUIPA-BN	9007	4 20	23 24 43.40	11 48 00	-93 50				434023
10715	AREQUIPA-BN	9007	4 21	1 26 43.42	9 59 36	-2 05	315	55		434013
30207	ADELAIDE	0600	4 21	10 41 18.2						845303
10711	WOOMERA-BN	9003	4 21	10 41 46.83	8 30 48	-14 15				434013
10719	WOOMERA-BN	9003	4 21	12 40 51.71	7 57 42	19 32				434013
10717	OLIFANTSFNTH-BN	9002	4 21	18 13 31.48	8 11 54	-16 49				434013
10728	SHIRAZ-BN	9008	4 21	20 41 17.75	18 13 24	79 32				434013
10731	VILLA DOLORES-BN	9011	4 21	23 51 48.05	9 43 06	1 15				434013
10722	AREQUIPA-BN	9007	4 21	23 51 50.37	11 08 30	-35 54				434023
10723	AREQUIPA-BN	9007	4 21	23 56 08.40	12 11 54	-7 02				434013
30035	KHARKOV	1060	4 22	0 36 08.0	19 39 48	43 00				845009
30036	KHARKOV	1060	4 22	0 36 55.8	20 45 00	33 48				845009
10724	AREQUIPA-BN	9007	4 22	1 43 24.76	6 16 24	-28 54				434023
10725	AREQUIPA-BN	9007	4 22	1 51 22.32	8 48 24	8 10				434013
30099	POTSDAM	2729	4 22	2 28 02.0	16 23 36	58 07				837007
30100	POTSDAM	2729	4 22	2 28 16.0	16 50 06	59 17				837007
30025	POTSDAM	2729	4 22	2 28 33.7	17 23 48	54 48				834009
10720	SAN FERNANDO-BN	9004	4 22	4 23 11.65	4 19 30	77 26				434013
10718	OLIFANTSFNTH-BN	9002	4 22	18 37 49.35	7 17 42	-7 12				434013
10721	MAINI TAL-BN	9006	4 22	19 11 44.70	9 47 54	74 36				434013
10729	SHIRAZ-BN	9008	4 22	21 05 58.55	9 38 12	67 47				434013
10733	VILLA DOLORES-BN	9011	4 23	0 11 29.40	6 44 00	-15 28				434013
10726	AREQUIPA-BN	9007	4 23	0 13 32.61	8 05 00	-46 14				434023
10734	VILLA DOLORES-BN	9011	4 23	0 18 10.22	9 16 48	18 06				434013
10727	AREQUIPA-BN	9007	4 23	0 18 32.23	10 24 42	-13 01				434013
30210	MADISON	0148	4 23	8 28 27.29	19 51 00	81 55				845012
30211	MADISON	0148	4 23	8 29 23.85	21 58 36	67 31				845012
10736	TOKYO-BN	9005	4 23	15 54 04.50	8 58 18	82 56				434013
10788	VILLA DOLORES-BN	9011	4 23	22 40 03.26	8 18 48	-32 29				434023

1960 XI 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10737	AREQUIPA-BN	9007	4 24	0 42 22.01	8 42 12	- 6 53				434013
10738	JUPITER-BN	9010	4 24	0 55 14.26	13 17 18	-18 03				434013
10745	MAUI-BN	9012	4 24	6 32 24.79	12 35 48	-14 07				434013
10746	MAUI-BN	9012	4 24	10 33 39.97	8 13 24	64 50				434013
10756	VILLA DOLORES-BN	9011	4 24	23 02 16.54	5 44 42	-31 31				434023
10757	VILLA DOLORES-BN	9011	4 24	23 06 44.38	8 08 42	- 7 00				434013
10742	SAN FERNANDO-BN	9004	4 24	23 41 57.80	12 56 24	57 22				434013
10743	SAN FERNANDO-BN	9004	4 25	1 41 36.40	7 50 00	82 57				434013
90101	POTSDAM	2729	4 25	1 44 54.6	14 45 18	34 33				637007
90102	POTSDAM	2729	4 25	1 45 10.9	15 10 36	35 18				637007
90103	POTSDAM	2729	4 25	1 45 34.9	15 47 06	35 50				637007
90104	POTSDAM	2729	4 25	1 45 53.9	16 19 30	35 55				637007
90105	POTSDAM	2729	4 25	1 46 51.2	17 56 54	32 01				637007
10748	JUPITER-BN	9010	4 25	3 18 54.21	11 04 36	25 18				434013
10749	JUPITER-BN	9010	4 25	3 21 06.02	12 22 00	42 58				434013
10750	JUPITER-BN	9010	4 25	3 23 35.45	14 40 42	56 03				434013
10744	SAN FERNANDO-BN	9004	4 25	3 41 18.00	1 52 30	77 06				434013
10751	JUPITER-BN	9010	4 25	5 20 07.69	8 45 12	64 53				434013
10769	MAUI-BN	9012	4 25	6 58 21.34	12 03 48	2 30				434013
10768	MAUI-BN	9012	4 25	8 58 53.99	9 47 48	54 12				434013
10740	ORGAN PASS-BN	9001	4 25	9 15 41.38	2 58 06	75 39				434013
10741	ORGAN PASS-BN	9001	4 25	11 15 11.53	1 18 54	67 38				434013
10776	SHIRAZ-BN	9008	4 25	16 22 52.54	13 17 54	- 5 12				434013
10778	SHIRAZ-BN	9008	4 25	16 28 04.73	11 57 12	29 12				434013
10759	NAIMI TAL-BN	9002	4 25	17 56 56.54	7 19 48	7 05				434013
10752	OLIFANTSFRTH-BN	9002	4 25	18 20 53.33	11 46 18	30 27				434013
10777	SHIRAZ-BN	9008	4 25	22 07 38.10	12 59 48	20 32				434013
10753	SAN FERNANDO-BN	9004	4 25	23 31 52.22	7 25 18	5 14				434013
10767	VILLA DOLORES-BN	9011	4 25	23 31 52.22	7 25 18	5 14				434013
10754	SAN FERNANDO-BN	9004	4 26	0 07 12.97	11 28 54	67 30				434013
10760	JUPITER-BN	9010	4 26	1 42 57.77	11 21 00	-15 19				434013
10761	JUPITER-BN	9010	4 26	1 46 05.22	12 31 36	2 10				434013
10762	JUPITER-BN	9010	4 26	1 49 42.44	14 08 06	21 19				434013
10763	JUPITER-BN	9010	4 26	3 44 20.41	9 57 06	38 55				434013
10764	JUPITER-BN	9010	4 26	3 48 13.83	12 48 24	70 08				434013
10774	ORGAN PASS-BN	9001	4 26	5 40 11.96	11 33 48	51 16				434013
10775	ORGAN PASS-BN	9001	4 26	9 41 35.35	2 00 00	72 35				434013
10766	JUPITER-BN	9010	4 26	9 48 20.43	1 23 54	63 23				434013
10778	SHIRAZ-BN	9008	4 26	16 49 35.02	13 34 48	13 46				434013
10779	SHIRAZ-BN	9008	4 26	18 46 45.64	10 52 00	49 40				434013
10780	SHIRAZ-BN	9008	4 26	20 47 34.32	7 32 24	74 06				434013
90046	ORENBURG	1063	4 26	22 48 33.9	16 40 00	36 18				845009
90047	ORENBURG	1063	4 26	22 49 07.3	17 30 24	32 18				845009
90048	RIAZAN	1042	4 26	23 45 38.0	59 31	64 48				845009
10789	VILLA DOLORES-BN	9011	4 26	23 58 58.37	7 30 12	22 18				434013
90037	POTSDAM	2729	4 27	0 38 24.6	15 49 54	38 42				834009
90106	POTSDAM	2729	4 27	0 38 55.0	16 37 24	37 58				637007
90107	POTSDAM	2729	4 27	0 39 15.8	17 08 30	36 41				637007
90108	POTSDAM	2729	4 27	0 39 55.3	18 05 36	32 47				637007
90039	POTSDAM	2729	4 27	0 40 17.1	18 31 12	30 18				834009
10795	JUPITER-BN	9010	4 27	4 07 52.97	8 43 42	32 32				434013
10796	JUPITER-BN	9010	4 27	4 09 19.18	8 54 12	42 46				434013
10797	JUPITER-BN	9010	4 27	4 12 38.18	9 38 12	70 09				434013
10770	ORGAN PASS-BN	9001	4 27	6 00 56.37	9 03 18	23 47				434013
10771	ORGAN PASS-BN	9001	4 27	6 05 43.33	10 17 00	62 00				434013
10786	WOONERA-BN	9003	4 27	9 15 37.84	6 58 12	- 6 55				434013
30250	MITAKA	0229	4 27	11 37 00.1			134 36	60 24		845303
10787	SAN FERNANDO-BN	9004	4 27	22 58 37.00	11 36 54	55 06				434013
10809	JUPITER-BN	9010	4 28	2 36 53.57	10 45 48	34 49				434013
10781	ORGAN PASS-BN	9001	4 28	4 25 50.09	9 22 30	- 1 42				434013
10782	ORGAN PASS-BN	9001	4 28	4 31 25.47	11 33 06	35 12				434013
10783	ORGAN PASS-BN	9001	4 28	4 37 27.96	16 56 06	52 06				434013
30213	NORTH CANTON	8559	4 28	4 40 24.8	13 41 30	66 29				845013
10784	ORGAN PASS-BN	9001	4 28	6 31 57.35	9 05 06	73 11				434013
10790	WOONERA-BN	9003	4 28	9 39 57.51	6 07 18	1 00				434013
10806	SHIRAZ-BN	9008	4 28	17 37 20.99	10 41 18	30 06				434013
10807	SHIRAZ-BN	9008	4 28	19 38 34.17	8 29 12	68 47				434013
10816	VILLA DOLORES-BN	9011	4 28	22 53 01.07	8 06 30	27 38				434013
10817	MAUI-BN	9012	4 29	6 40 45.74	10 16 48	25 16				434013
10818	MAUI-BN	9012	4 29	8 41 38.03	7 57 36	59 28				434013
10819	MAUI-BN	9012	4 29	14 47 06.81	0 14 48	53 04				434013
10802	SAN FERNANDO-BN	9004	4 29	21 49 39.83	11 19 00	39 05				434013
10803	SAN FERNANDO-BN	9004	4 29	23 49 46.96	9 28 18	71 53				434013
10312	JUPITER-BN	9010	4 30	1 28 28.37	11 03 12	23 59				434013
10849	SAN FERNANDO-BN	9004	4 30	1 50 31.80	1 52 00	84 37				434013
10813	JUPITER-BN	9010	4 30	3 27 23.11	8 24 24	51 55				434013
10799	ORGAN PASS-BN	9001	4 30	3 28 35.53	15 15 00	42 35				434013
10814	JUPITER-BN	9010	4 30	3 29 39.45	8 54 12	69 40				434013
10804	SAN FERNANDO-BN	9004	4 30	3 50 16.34	20 11 12	60 17				434013
30219	CHINA LAKE	8588	4 30	5 22 24.2			20 33 36	65 51 36		845303
10800	ORGAN PASS-BN	9001	4 30	5 23 01.61	9 41 54	84 37				434013
30217	NORTH CANTON	8565	4 30	5 33 04.6	19 46 05	69 27				845013
30214	NORTH CANTON	8559	4 30	7 30 14.7	16 44 58	80 07				845013
10801	ORGAN PASS-BN	9001	4 30	9 25 09.66	23 43 54	69 30				434013
10805	TOKYO-BN	9005	4 30	18 53 31.30	18 07 30	22 43				434013
10822	SAN FERNANDO-BN	9004	4 30	20 15 26.62	11 38 54	8 51				434013
10823	SAN FERNANDO-BN	9004	4 30	22 17 04.08	12 32 30	66 19				434013
10824	SAN FERNANDO-BN	9004	5 01	0 15 41.55	8 30 00	77 55				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10831	JUPITER-BN	9010	5 01	1 31 33.05	9 03 42	22 58	135 15 00	63 49 48		434013
10820	ROCHESTER	8564	5 01	1 59 41.9	13 06 12	28 22				845013
10821	CHINA LAKE	8588	5 01	3 46 27.3						845303
10830	JUPITER-BN	9010	5 01	3 54 36.83	7 36 42	66 40				434013
10826	SAN FERNANDO-BN	9004	5 01	4 15 20.65	17 51 48	35 58				434013
10821	ORGAN PASS-BN	9001	5 01	5 46 53.23	8 17 48	55 07				434013
10838	SHIRAZ-BN	9008	5 01	16 57 13.18	11 54 18	53 23				434013
10829	TOKYO-BN	9005	5 01	17 20 36.80	20 55 12	64 43				434013
10828	WOOMERA-BN	9003	5 02	9 22 46.78	5 23 06	15 14				434013
10840	SHIRAZ-BN	9008	5 02	17 20 52.33	9 24 12	54 38				434013
10841	SHIRAZ-BN	9008	5 02	23 24 08.71	21 38 00	61 46				434013
10842	CURACAO-BN	9009	5 03	0 42 53.74	7 07 42	39 04				434013
10836	ORGAN PASS-BN	9001	5 03	2 39 39.45	10 45 24	24 42				434013
10826	ST. LOUIS	0140	5 03	2 45 37.0	11 20 47	44 41				845012
10827	ST. LOUIS	0140	5 03	2 45 49.5	11 31 06	45 53				845012
10829	CINCINNATI	0050	5 03	2 46 57	11 12 06	50 01				845004
10831	NORTH CANTON	8534	5 03	2 48 41.1	12 01 30	54 40				641014
10835	NORTH CANTON	8565	5 03	2 49 26.4	12 55 15	57 48				845013
10830	CINCINNATI	0050	5 03	4 47 29.0	11 35 34	61 18				845004
10836	NORTH CANTON	8559	5 03	4 48 38.2	13 41 00	81 06				845013
10843	CURACAO-BN	9009	5 03	8 54 04.40	22 32 00	52 15				434013
10848	MAUI-BN	9012	5 03	14 30 47.44	21 19 12	19 28	334 47 24	57 05 24		434013
10845	SHIRAZ-BN	9008	5 03	17 47 35.63	8 45 00	70 34				434013
10846	SHIRAZ-BN	9008	5 03	21 49 37.59	23 54 12	77 07				434013
10847	SHIRAZ-BN	9008	5 03	23 49 26.73	18 59 12	46 46				434013
10853	ALBUQUERQUE	8534	5 04	3 06 11.6	10 45 18	40 00				845043
10838	CINCINNATI	0050	5 04	3 12 44	10 51 54	63 09				845004
10841	CHINA LAKE	8588	5 04	5 03 26.2						845303
10853	N. CANTON	8559	5 04	5 15 47.2	19 17 40	68 03				845013
10844	CURACAO-BN	9009	5 04	9 19 39.07	19 18 30	6 31				434013
10880	MAUI-BN	9012	5 04	14 34 24.98	16 16 30	11 00				434013
10855	BRATISLAVA-P	5702	5 04	22 05 33.0	13 38 32	57 28				634042
10842	CINCINNATI	0050	5 05	1 38 12.0	10 55 12	37 35				845004
10852	JUPITER-BN	9010	5 05	1 38 47.99	9 37 12	78 57				434013
10845	N. CANTON	8584	5 05	1 39 08.8	10 51 08	38 54				845013
10846	N. CANTON	8534	5 05	1 39 11.2	10 53 30	38 21				641014
10843	CINCINNATI	0050	5 05	3 38 40.0	10 49 18	73 29				845004
10849	ROCHESTER	8585	5 05	3 42 30.5	14 28 24	68 44				845012
10881	MAUI-BN	9012	5 05	7 14 29.78	6 40 54	66 22				434013
10853	JUPITER-BN	9010	5 05	7 42 00.92	21 30 48	53 34				434013
10876	JUPITER-BN	9010	5 05	9 39 50.34	14 23 18	-18 32				434013
10863	TOKYO-BN	9005	5 05	13 03 03.50	8 38 00	82 36				434013
10864	TOKYO-BN	9005	5 05	15 03 47.08	20 43 18	81 16				434013
10849	SHIRAZ-BN	9008	5 05	16 38 13.99	8 56 00	60 01				434013
10865	TOKYO-BN	9005	5 05	17 03 47.50	18 15 30	36 59				434013
10871	SHIRAZ-BN	9008	5 05	20 40 46.34	0 58 00	81 10				434013
10855	SAN FERNANDO-BN	9004	5 05	22 24 48.50	9 20 00	79 43				434013
10873	SHIRAZ-BN	9008	5 06	0 39 17.42	15 37 30	-12 20				434013
10877	JUPITER-BN	9010	5 06	2 02 16.04	7 13 48	61 08				434013
10857	SAN FERNANDO-BN	9004	5 06	2 25 14.80	17 35 06	50 39				434013
10882	MAUI-BN	9012	5 06	5 40 51.15	7 52 36	51 03				434013
10866	TOKYO-BN	9005	5 06	11 27 42.80	9 13 00	64 47				434013
10884	MAUI-BN	9012	5 06	13 48 13.14	19 36 42	17 58				434013
11092	MAIHI TAL-BN	9006	5 06	21 14 04.05	18 03 00	46 12				434013
10858	SAN FERNANDO-BN	9004	5 06	22 43 06.23	7 16 12	34 51				434013
10859	SAN FERNANDO-BN	9004	5 06	22 55 57.79	19 55 24	49 10				434013
10860	SAN FERNANDO-BN	9004	5 07	0 44 02.63	8 22 54	45 08				434013
10861	SAN FERNANDO-BN	9004	5 07	0 55 33.76	20 35 48	26 42				434013
10862	SAN FERNANDO-BN	9004	5 07	2 44 47.73	11 09 24	39 13				434013
10885	MAUI-BN	9012	5 07	6 06 24.72	6 44 48	56 38				434013
10854	N. CANTON	8559	5 07	6 31 38.7	17 16 28	44 01				845013
10887	JUPITER-BN	9010	5 07	6 34 33.00	21 31 00	52 00				434013
10890	SHIRAZ-BN	9008	5 07	17 31 11.52	6 46 18	81 04				434013
10891	SHIRAZ-BN	9008	5 07	19 33 29.90	22 07 30	76 05	348 36	52 18		434013
10892	SHIRAZ-BN	9008	5 07	21 33 26.84	20 29 24	67 45				434013
10888	JUPITER-BN	9010	5 08	0 51 59.93	7 04 18	47 12				434013
10889	JUPITER-BN	9010	5 08	0 53 47.01	7 38 06	59 41				434013
10886	ORGAN PASS-BN	9001	5 08	6 52 36.79	20 41 36	61 47				434013
10893	TOKYO-BN	9005	5 08	12 20 19.80	9 00 00	84 39				434013
10894	TOKYO-BN	9005	5 08	14 21 06.40	18 56 18	79 41				434013
10895	TOKYO-BN	9005	5 08	16 20 49.30	16 42 48	37 26				434013
10896	ORGAN PASS-BN	9001	5 09	3 13 54.83	7 43 00	67 43				434013
10897	ORGAN PASS-BN	9001	5 09	5 16 16.95	0 14 00	86 16	8 00	48 06		434013
10860	DENVER	8592	5 09	5 17 09.8						845304
10880	MADISON	0140	5 09	5 20 47.35	15 28 42	65 48				845012
10898	ORGAN PASS-BN	9001	5 09	7 19 41.88	20 15 54	42 52				434013
10901	TOKYO-BN	9005	5 09	10 44 25.50	8 27 00	64 53				434013
10890	MITAKA	0229	5 09	10 45 30.8						845303
10900	TOKYO-BN	9005	5 09	14 47 59.30	18 53 30	58 42				434013
10904	SHIRAZ-BN	9008	5 09	18 22 40.15	4 03 18	81 54				434013
10898	BRATISLAVA-P	5702	5 09	22 16 43.2	17 13 30	23 46				634042
10905	ORGAN PASS-BN	9001	5 10	3 41 48.43	9 07 00	87 01				434013
10863	ST. LOUIS	0140	5 10	3 45 33.0	11 44 13	82 50				845012
10906	ORGAN PASS-BN	9001	5 10	5 42 47.13	20 38 00	80 20				434013
10864	WICHITA	8405	5 10	5 43 58.8	14 30 48	80 54				845012
10907	ORGAN PASS-BN	9001	5 10	7 43 10.22	18 17 42	59 40				434013
10910	TOKYO-BN	9005	5 10	11 11 45.20	9 57 00	81 32				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90062	ORENBURG	1063	5 10	18 50 40.9	14 46 00	36 00				849009
90064	TCHERNOVITSY	1062	5 10	20 43 36.4	15 54 00	42 48				849009
90065	TCHERNOVITSY	1062	5 10	20 44 10.7	16 07 30	41 00				849009
90069	TCHERNOVITSY	1062	5 10	20 47 46.0	18 01 00	15 12				849009
10920	SHIRAZ-BN	9008	5 10	20 50 49.60	19 05 24	65 56				434013
10916	SAN FERNANDO-BN	9004	5 10	22 32 56.79	8 57 00	83 09				434013
30270	N. CANTON	8559	5 11	2 14 56.9	13 39 28	75 20				849013
30263	ROCHESTER	8564	5 11	2 15 25.1	12 39 42	71 19				849013
30264	ROCHESTER	8564	5 11	2 15 49.6	13 31 12	70 54				849013
30271	N. CANTON	8565	5 11	2 16 16.7	16 00 19	68 02				849013
30267	ROCHESTER	8564	5 11	2 17 37.5	16 13 36	61 10				849013
10908	ORGAN PASS-BN	9001	5 11	4 06 46.39	5 55 00	84 00				434013
30273	DENVER	8592	5 11	4 08 03.8			0 00	50 06		849304
30274	DENVER	8592	5 11	4 11 02.0			36 48	40 00		849304
30275	CINCINNATI	0050	5 11	4 13 49.1	16 12 06	75 08				849004
30272	N. CANTON	8559	5 11	4 16 09.6	17 33 59	55 06				849013
10913	JUPITER-BN	9010	5 11	4 17 10.38	20 45 12	66 42				434013
10909	ORGAN PASS-BN	9001	5 11	6 08 49.20	19 30 36	75 01				434013
30277	FORT WORTH	0139	5 11	6 09 50.80	15 51 36	82 51				849014
10921	SHIRAZ-BN	9008	5 11	17 13 34.35	5 02 36	60 31				434013
10926	MAINI TAL-BN	9006	5 11	17 24 11.63	20 16 00	69 33				434013
10917	WOONERA-BN	9003	5 11	19 46 28.02	21 53 24	0 17				434013
10915	ORGAN PASS-BN	9001	5 12	4 33 26.54	21 16 00	86 51				434013
10922	JUPITER-BN	9010	5 12	4 41 32.19	20 13 42	76 30				434013
30282	MADISON	0148	5 12	6 36 22.87	14 10 18	20 54				849012
10928	SHIRAZ-BN	9008	5 12	19 42 46.33	19 17 48	66 28				434013
10923	WOONERA-BN	9003	5 12	20 11 30.48	17 35 36	-57 56				434023
30278	N. CANTON	8565	5 13	3 02 28.7	8 23 22	63 08				849013
30292	CINCINNATI	0050	5 13	3 04 55.0	14 23 42	78 59				849004
30285	N. CANTON	8559	5 13	3 05 09.9	12 37 00	76 05				849013
10931	JUPITER-BN	9010	5 13	3 08 04.79	20 19 42	72 13				434013
30294	CINCINNATI	0050	5 13	7 00 09.0	12 16 24	19 20				849004
10924	TOKYO-BN	9005	5 13	12 30 36.20	17 51 00	72 46				434013
30320	HIGASHIMATSUYAMA	0210	5 13	14 29 16.0	15 03 30	55 42				849013
10925	TOKYO-BN	9005	5 13	14 29 37.10	15 30 18	54 14				434013
10929	SHIRAZ-BN	9008	5 13	18 07 53.16	19 46 00	76 04				434013
10930	SHIRAZ-BN	9008	5 13	20 08 05.08	17 46 18	63 33				434013
30286	ROCHESTER	8564	5 14	3 31 57.2	13 49 24	59 48				849013
10941	MAINI TAL-BN	9006	5 14	16 39 41.58	19 33 06	82 30				43-013
10940	SAN FERNANDO-BN	9004	5 15	0 13 12.64	10 51 06	68 47				434013
10935	JUPITER-BN	9010	5 15	1 57 00.10	23 51	84 44				434013
10938	ORGAN PASS-BN	9001	5 15	3 50 39.92	18 29 08	85 07				434013
10933	JUPITER-BN	9010	5 15	3 58 21.78	18 34 00	79 01				434013
10934	JUPITER-BN	9010	5 15	4 00 11.22	19 01 54	62 42				434013
10939	ORGAN PASS-BN	9001	5 15	5 52 16.99	17 28 06	61 42				434013
10942	TOKYO-BN	9005	5 15	13 21 41.40	16 07 36	60 49				434013
10949	SHIRAZ-BN	9008	5 15	16 56 19.61	4 05 06	82 56				434013
30298	CHINA LAKE	8588	5 16	4 13 10.3			4 50 24	40 20 24		849303
10936	ORGAN PASS-BN	9001	5 16	4 17 18.00	17 52 12	76 13				434013
30299	WICHITA	8405	5 16	4 18 16.4	13 45 01	73 54				849012
10943	JUPITER-BN	9010	5 16	4 24 43.40	17 07 12	68 15				434013
10937	ORGAN PASS-BN	9001	5 16	6 17 30.98	15 56 00	92 54				434013
30322	MADISON	0148	5 16	6 17 56.62	12 56 00	7 23				849014
10953	MAINI TAL-BN	9006	5 16	15 31 34.74	18 53 36	78 49				434013
10951	SHIRAZ-BN	9008	5 16	17 23 02.21	22 14 24	88 06				434013
10952	SHIRAZ-BN	9008	5 16	19 25 34.92	16 51 24	56 58				434013
10946	SAN FERNANDO-BN	9004	5 16	21 07 21.16	11 36 00	83 08				434013
10947	SAN FERNANDO-BN	9004	5 16	23 05 04.72	10 07 00	59 31				434013
10948	SAN FERNANDO-BN	9004	5 17	1 01 47.26	10 49 42	24 03				434013
30302	N. CANTON	8559	5 17	2 47 56.2	13 04 00	67 38				849014
30300	ROCHESTER	8550	5 17	2 49 21.6	13 47 36	94 36				849013
10955	SHIRAZ-BN	9008	5 17	17 50 44.50	17 48 24	75 03				434013
10956	SHIRAZ-BN	9008	5 17	19 48 09.04	12 02 54	57 51				434013
10957	SAN FERNANDO-BN	9004	5 17	21 32 33.34	10 57 00	78 26				434013
10958	SAN FERNANDO-BN	9004	5 17	23 29 33.34	10 04 36	46 00				434013
10960	JUPITER-BN	9010	5 18	1 15 31.05	18 59 00	78 32				434013
10961	JUPITER-BN	9010	5 18	3 17 16.38	17 55 12	62 03				434013
10962	MAUI-BN	9012	5 18	8 57 49.99	18 09 48	62 51				434013
10972	SHIRAZ-BN	9008	5 18	18 15 50.97	16 01 36	73 40				434013
10968	SAN FERNANDO-BN	9004	5 18	21 57 48.26	10 52 12	70 17				434013
10963	JUPITER-BN	9010	5 19	1 39 51.94	20 20 00	86 00				434013
30308	ST. LOUIS	0140	5 19	3 37 24.3	13 40 05	58 40				849012
10965	JUPITER-BN	9010	5 19	3 42 00.61	16 04 00	63 30				434013
10964	JUPITER-BN	9010	5 19	3 43 48.53	17 15 06	44 55				434013
30323	MADISON	0148	5 19	5 36 01.2	12 56 30	-0 12				849014
10969	SAN FERNANDO-BN	9004	5 19	22 22 49.96	10 40 54	57 58				434013
30309	CHINA LAKE	8588	5 20	3 56 23.8			14 59 24	45 18 00		849303
30310	N. CANTON	0053	5 20	4 05 32.9	13 31 08	13 18				849013
10974	SHIRAZ-BN	9008	5 20	17 08 09.12	16 49 12	68 28				434013
30082	TBILISI	1053	5 20	19 03 46.2	13 05 00	26 42				849009
10975	SHIRAZ-BN	9008	5 20	19 07 56.88	14 20 30	36 29				434013
10970	SAN FERNANDO-BN	9004	5 20	20 55 56.36	16 44 30	32 08				434013
10971	SAN FERNANDO-BN	9004	5 20	22 47 21.16	10 18 42	45 22				434013
30311	N. CANTON	8565	5 21	4 28 38.3	11 56 53	10 35				849013
10967	ORGAN PASS-BN	9001	5 21	6 22 58.02	11 47 00	21 04				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INCL.
10976	SHIRAZ-BN	9008	5 21	17 34 01.05	15 34 24	61 26				434013
10978	SAN FERNANDO-BN	9004	5 21	21 15 32.61	11 53 00	66 27				434013
30315	N. CANTON	8536	5 22	2 57 11.5	13 21 45	28 06				641012
10984	MAUI-BN	9012	5 22	8 38 43.71	13 36 18	64 27				434013
10977	TOKYO-BN	9005	5 22	12 31 22.70	13 39 48	38 20				434013
10982	SHIRAZ-BN	9008	5 22	18 00 26.20	15 23 30	40 28				434013
10983	SAN FERNANDO-BN	9004	5 22	21 39 49.82	10 23 36	54 41				434013
10979	JUPITER-BN	9010	5 23	1 24 45.75	16 31 26	69 39				434013
10980	JUPITER-BN	9010	5 23	3 23 02.89	12 14 54	51 30				434013
10986	SHIRAZ-BN	9008	5 23	16 24 38.83	15 36 24	69 39				434013
10987	SHIRAZ-BN	9008	5 23	18 25 15.71	13 44 30	28 36				434013
10989	SAN FERNANDO-BN	9004	5 23	22 04 22.39	10 01 12	40 19				434013
30317	WICHITA	8605	5 24	3 44 59.33	13 15 38	23 34				845012
10993	MAUI-BN	9012	5 24	7 31 13.27	15 26 24	64 45				434013
10988	TOKYO-BN	9005	5 24	11 12 25.10	13 20 30	51 19				434013
10994	MAUI-BN	9005	5 25	11 37 46.38	12 33 06	39 01				434013
10991	MAINI TAL-BN	9008	5 25	15 22 37.65	13 09 36	56 31				434013
10997	SHIRAZ-BN	9008	5 25	15 22 37.65	13 24 30	50 13				434013
10991	SAN FERNANDO-BN	9004	5 25	21 30 42.1	13 50 36	23 36				434013
10992	SAN FERNANDO-BN	9004	5 25	22 34 40.36	10 17 18	12 09				434013
10995	TOKYO-BN	9005	5 26	12 01 55.00	11 15 18	23 13				434013
11000	SHIRAZ-BN	9008	5 26	17 42 23.73	13 05 06	22 13				434013
11001	TOKYO-BN	9005	5 27	12 27 47.90	11 17 12	2 52				434013
11006	MAINI TAL-BN	9006	5 27	16 14 44.90	12 16 18	5 38				434013
11002	TOKYO-BN	9005	5 28	10 35 02.50	12 10 08	27 47				434013
10999	SHIRAZ-BN	9008	5 28	16 33 46.29	13 14 42	38 24				434013
11003	TOKYO-BN	9005	5 29	11 19 23.10	11 02 48	15 58				434013
11011	SHIRAZ-BN	9008	5 29	16 38 51.10	12 05 08	21 18				434013
30324	CINCINNATI	0050	5 30	2 20 09	11 00 34	3 44				845004
11004	MAUI-BN	9012	5 30	8 05 51.23	11 39 48	- 9 27				434013
11005	JUPITER-BN	9010	5 31	0 51 29.64	13 24 24	32 18				434013
11007	MAUI-BN	9012	5 31	6 32 17.06	13 09 34	27 47				434013
11009	JUPITER-BN	9010	6 01	1 16 07.09	11 56 24	19 38				434013
11017	SHIRAZ-BN	9008	6 01	16 16 04.85	11 36 24	13 52				434013
11008	WOOMERA-BN	9003	6 01	20 46 26.39	5 18 18	-58 24				434023
11014	JUPITER-BN	9010	6 02	1 40 45.96	10 48 42	4 58				434013
11013	JUPITER-BN	9010	6 02	1 42 49.67	11 43 24	-10 26				434013
11010	ORDAN PASS-BN	9001	6 02	3 32 42.20	10 23 30	- 3 24				434013
11020	MAUI-BN	9012	6 02	7 23 28.19	11 16 24	-17 09				434013
11019	SHIRAZ-BN	9008	6 02	16 40 12.82	10 23 42	4 11				434013
11021	MAUI-BN	9012	6 03	5 48 39.89	12 04 36	26 36				434013
11022	MAUI-BN	9012	6 03	7 48 41.34	10 38 24	-26 36				434023
11027	VILLA DOLORES-BN	9011	6 03	10 18 42.33	2 36 00	-64 08				434023
11018	SHIRAZ-BN	9008	6 03	17 05 09.37	9 55 36	- 7 08				434013
11023	AREQUIPA-BN	9007	6 05	1 06 50.78	12 17 54	45 40				434013
11016	OLIFANTSPNTN-BN	9002	6 05	3 36 02.87	4 28 34	-34 21				434023
11030	OLIFANTSPNTN-BN	9002	6 05	18 02 00.58	14 01 18	44 08				434013
11026	AREQUIPA-BN	9007	6 05	23 37 39.36	13 22 06	33 47				434013
11028	WOOMERA-BN	9003	6 06	20 53 57.44	21 06 18	- 1 43				434013
11029	AREQUIPA-BN	9007	6 07	0 00 37.68	13 43 30	41 28				434013
11031	AREQUIPA-BN	9007	6 08	0 25 06.30	12 05 00	35 84				434013
11035	AREQUIPA-BN	9007	6 09	0 49 25.83	10 31 18	22 34				434013
11033	WOOMERA-BN	9003	6 09	10 17 08.86	14 33 24	22 33				434013
11036	AREQUIPA-BN	9007	6 09	23 25 23.73	16 26 00	-16 34				434013
11037	AREQUIPA-BN	9007	6 10	1 14 50.81	9 44 12	3 45				434013
11032	OLIFANTSPNTN-BN	9002	6 10	18 08 49.95	10 46 30	19 52				434013
11034	WOOMERA-BN	9003	6 11	9 09 30.82	14 29 24	23 43				434013
11040	OLIFANTSPNTN-BN	9002	6 11	16 39 31.24	13 57 34	18 25				434013
11041	OLIFANTSPNTN-BN	9002	6 11	18 33 45.70	9 54 00	5 30				434013
11045	AREQUIPA-BN	9007	6 13	0 33 36.70	9 25 48	-14 83				434013
11044	WOOMERA-BN	9003	6 13	10 00 25.78	13 41 06	- 3 39				434013
11046	OLIFANTSPNTN-BN	9002	6 13	17 27 07.93	10 29 18	6 33				434013
11047	OLIFANTSPNTN-BN	9002	6 13	17 31 43.13	13 22 42	-42 23				434023
11048	AREQUIPA-BN	9007	6 14	0 39 37.17	8 48 42	-30 29				434023
11053	VILLA DOLORES-BN	9011	6 14	23 33 16.80	13 08 36	-23 33				434023
11050	OLIFANTSPNTN-BN	9002	6 15	14 21 01.67	11 52 34	2 21				434013
11051	OLIFANTSPNTN-BN	9002	6 15	18 18 02.75	8 34 48	-24 45				434023
11054	AREQUIPA-BN	9007	6 15	23 32 09.94	9 06 12	-32 07				434023
11060	VILLA DOLORES-BN	9011	6 15	23 38 07.60	11 22 00	-44 23				434023
11055	WOOMERA-BN	9003	6 16	9 19 36.33	14 49 24	-30 15				434023
11056	OLIFANTSPNTN-BN	9002	6 16	16 45 25.85	10 15 12	-10 00				434013
11057	OLIFANTSPNTN-BN	9002	6 16	18 44 11.30	8 23 24	-37 39				434023

1960 XI 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11061	VILLA DOLORES-BN	9011	6 16	22 25 07.91	13 12 42	- 8 34				434013
11062	VILLA DOLORES-BN	9011	6 17	0 22 45.21	9 32 48	-48 07				434023
11098	WOOMERA-BN	9003	6 18	10 08 08.99	10 20 36	-56 43				434023
11063	WOOMERA-BN	9003	6 19	10 34 05.45	8 31 30	-71 20				434023
30360	CAPETOWN	0402	6 19	18 03 17.2			210 00	50 42		845303
11064	WOOMERA-BN	9003	6 20	10 58 47.54	7 22 30	-64 58				434023
11066	VILLA DOLORES-BN	9011	6 21	0 05 59.64	7 45 00	-63 55				434023
11065	WOOMERA-BN	9003	6 21	9 25 13.38	9 41 12	-39 22				434023
30331	CAPETOWN	0402	6 21	16 34 46.2			215 48	70 06		845303
11069	VILLA DOLORES-BN	9011	6 21	22 29 16.21	8 46 18	-21 14				434013
11071	VILLA DOLORES-BN	9011	6 22	0 30 50.97	7 11 42	-60 25				434023
11067	WOOMERA-BN	9003	6 22	9 51 39.71	7 51 30	-77 41				434023
11068	MAUI-BN	9012	6 22	14 13 13.18	0 26 42	- 6 24				434013
11074	OLIFANTSPNTN-BN	9002	6 22	17 20 08.19	7 03 30	-55 49				434023
11076	WOOMERA-BN	9003	6 23	10 15 49.89	6 55 00	-65 53				434023
11072	ORGAN PASS-BN	9001	6 23	10 53 21.88	0 23 54	-23 46				434023
11073	ORGAN PASS-BN	9001	6 23	10 54 18.72	1 12 24	-11 20				434013
11080	MAUI-BN	9012	6 23	14 37 53.26	21 06 36	39 02				434013
11078	VILLA DOLORES-BN	9011	6 23	23 22 58.53	7 17 06	-64 39				434023
11082	JUPITER-BN	9010	6 24	9 24 57.18	23 16 54	20 03				434013
11075	WOOMERA-BN	9003	6 25	9 07 43.13	7 30 48	-68 32				434023
30327	VAN NUYS	0113	6 25	11 40 06.1			179 36	26 12		845303
11084	SHIRAZ-BN	9008	6 26	23 18 43.83	0 33 30	- 8 01				434013
11083	WOOMERA-BN	9003	6 27	9 58 59.63	5 03 00	-73 08				434023

1961 DELTA 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10001	OLIFANTSPNTN-BN.S.AF	9002	2 16	18 04 26.99	4 23 42	-65 41				434023
10002	OLIFANTSPNTN-BN.S.AF	9002	2 16	18 05 31.89	5 32 24	-66 16				434023
10001	PRETORIA, S.AFR.	8575	2 16	18 05 35.9			181 36	49 06		845303
10003	OLIFANTSPNTN-BN.S.AF	9002	2 16	18 05 48.11	5 49 48	-66 08				434023
10043	QUEZON CITY, PHILS.	0500	2 16	21 09	16 28	-27 30				845041
10004	JUPITER-BN, FLA.	9010	2 17	10 44 30.02	12 10 24	74 01				434013
10005	JUPITER-BN, FLA.	9010	2 17	10 44 34.02	12 21 48	75 09				434013
10006	JUPITER-BN, FLA.	9010	2 17	10 44 38.02	12 34 54	76 18				434013
10007	JUPITER-BN, FLA.	9010	2 17	10 44 42.02	12 50 48	77 21				434013
10008	JUPITER-BN, FLA.	9010	2 17	10 44 46.02	13 08 24	78 21				434013
10009	JUPITER-BN, FLA.	9010	2 17	10 44 50.02	13 29 18	79 19				434013
10011	WOOMERA-BN, AUSTR.	9003	2 17	12 05 15.60	10 42 36	-14 31				434013
10021	WOOMERA-BN, AUSTR.	9003	2 17	13 57 33.31	4 28 30	-28 32				434023
10022	WOOMERA-BN, AUSTR.	9003	2 17	14 00 26.71	5 35 30	-26 08				434023
10001	TRINIDAD-R, TRIN.	4805	2 17	17 02 32.00			293 00	15 00	2222	895307
10002	TRINIDAD-R, TRIN.	4805	2 17	17 04 33.00			282 48	31 00	1429	895307
10003	TRINIDAD-R, TRIN.	4805	2 17	17 07 09.00			290 00	34 30	1296	895307
10004	TRINIDAD-R, TRIN.	4805	2 17	17 07 49.00			208 00	34 42	1315	895307
10005	TRINIDAD-R, TRIN.	4805	2 17	17 09 37.00			170 00	42 30	1648	895307
10177	CAPE TOWN	0402	2 17	18 58 15.0			178 24	83 00		845302
10014	LAREDO-RADAR, TEX.	4012	2 17	18 59 39.0			237 42 00	19 06 00	1846	895307
10132	KAGOSHIMA	0218	2 17	20 38 00	17 35 12	63 36				845012
10027	RAINI TAL-BN, INDIA	9006	2 18	0 34 36.06	11 17 30	69 42				434013
10028	RAINI TAL-BN, INDIA	9006	2 18	0 35 18.12	13 36 12	82 58				434013
10032	JUPITER-BN, FLA.	9010	2 18	10 22 17.28	10 25 06	41 02				434013
10035	JUPITER-BN, FLA.	9010	2 18	10 25 05.28	10 49 12	53 31				434013
10043	W. PALM BEACH, FLA.	0016	2 18	10 23 57			341 00	39 30		845302
10034	JUPITER-BN, FLA.	9010	2 18	10 25 38.95	19 42 00	73 19				434013
10035	JUPITER-BN, FLA.	9010	2 18	10 26 30.66	20 52 30	62 02				434013
10036	JUPITER-BN, FLA.	9010	2 18	10 26 59.14	21 10 36	56 38				434013
10037	JUPITER-BN, FLA.	9010	2 18	10 27 18.62	21 18 42	53 35				434013
10018	WOOMERA-BN, AUSTR.	9003	2 18	11 34 10.50	5 32 42	-50 38				434023
10019	WOOMERA-BN, AUSTR.	9003	2 18	11 36 07.43	6 58 42	-47 15				434023
10064	WOOMERA, AUSTR.	0603	2 18	11 36 09			164 34	73 06		845302
10065	WOOMERA, AUSTR.	0603	2 18	11 40 36			98 00	53 12		845302
10066	WOOMERA, AUSTR.	0603	2 18	11 43 07			90 00	41 36		845302
10020	WOOMERA-BN, AUSTR.	9003	2 18	11 45 39.23	10 46 24	-10 11				434013
10040	CHINA LAKE, CAL.	0098	2 18	12 18 00			180 00	63 34		841303
10046	WALNUT CREEK, CAL.	8535	2 18	12 20 48.6	15 08 40	-1 18				845013
10004	WALNUT CREEK, CAL.	8556	2 18	12 20 50.6	15 11 30	-1 00				845014
10044	CHINA LAKE, CAL.	0098	2 18	12 21 04			180 00	66 30		841303
10175	VAN NUYS	0113	2 18	12 21 08.1	14 41 48	22 05				845013
10006	WHITTIER, CAL.	8566	2 18	12 21 11.2			157 18 00	78 35 24		845302
10049	WHITTIER	8566	2 18	12 21 12.2			157 18	78 36		845302
10006	CHINA LAKE, CAL.	9073	2 18	12 21 35.01			146 46 12	68 46 12		845304
10007	SACRAMENTO, CAL.	8517	2 18	12 21 36.3	16 03 30	0 55				841013
10007	CHINA LAKE, CAL.	9073	2 18	12 21 52.01			128 34 12	66 17 24		845304
10008	CHINA LAKE, CAL.	9073	2 18	12 22 21.01			107 23 24	58 48 36		845304
10009	CHINA LAKE, CAL.	9073	2 18	12 22 43.01			98 02 24	52 12 00		845304
10005	WALNUT CREEK, CAL.	8556	2 18	12 25 10.4	18 01 12	9 24				845003
10010	CHINA LAKE, CAL.	9073	2 18	12 25 11.01			90 28 48	44 03 36		845304
10011	CHINA LAKE, CAL.	9073	2 18	12 25 31.01			86 34 36	38 50 24		845304
10008	ALBUQUERQUE, N.MEX.	0041	2 18	12 25 50.5	14 51	41 36				845032
10012	CHINA LAKE, CAL.	9073	2 18	12 25 59.01			83 18 00	32 22 48		845304
10009	ALAMOGORDO, N.MEX.	0102	2 18	12 24 04			0	63 36		845303
10010	PHOENIX, ARIZ.	8576	2 18	12 24 21.9	18 51	41 18				845042
10015	CHINA LAKE, CAL.	9073	2 18	12 24 55.01			80 10 48	25 22 48		845304
10067	WOOMERA, AUSTR.	0603	2 18	13 42 22.1			285 00	61 42		845302
10016	LAREDO-RADAR, TEX.	4012	2 18	18 59 17.0			237 54 00	19 42 00	1805	895307
10029	CAPE TOWN, S.AFR.	0402	2 18	19 29 24.5			163 30	84 18		845302
10027	KAGOSHIMA, JAPAN	0218	2 18	20 15 57	13 22 00	53 42				845012
10028	KAGOSHIMA, JAPAN	0224	2 18	20 17 08.0	14 52 00	46 36				845012
10050	TEIKYO-BN, JAPAN	9005	2 18	20 17 18.10	12 36 48	32 58				434013
10051	TEIKYO-BN, JAPAN	9005	2 18	20 18 27.40	15 02 30	49 05				434013
10026	MITAKA, JAPAN	0229	2 18	20 18 29.8			346 48	76 18		845303
10028	HIGASHIMATSUYAMA, JAP	0210	2 18	20 18 52.8	16 29 06	48 18				845002
10052	TEIKYO-BN, JAPAN	9005	2 18	20 19 26.70	18 07 24	49 06				434013
10029	SHIRAZ-BN, IRAN	9008	2 19	2 13 31.85	11 30 48	74 59				434013
10030	SHIRAZ-BN, IRAN	9008	2 19	2 15 38.91	21 42 42	63 10				434013
10031	SHIRAZ-BN, IRAN	9008	2 19	2 17 17.65	22 13 00	43 03				434013
10038	JUPITER-BN, FLA.	9010	2 19	10 03 06.55	11 08 24	59 23				434013
10044	W. PALM BEACH, FLA.	0016	2 19	10 03 37.5			341 00	41 30		845302
10039	JUPITER-BN, FLA.	9010	2 19	10 09 53.33	20 04 18	65 40				434013
10040	JUPITER-BN, FLA.	9010	2 19	10 08 00.65	21 17 34	44 49				434013
10047	WALNUT CREEK, CAL.	8555	2 19	12 02 27.0	17 17 18	8 40				845013
10012	ORGAN PASS-BN, N.M.	9001	2 19	12 03 14.48	13 49 06	55 55				434013
10011	ALBUQUERQUE, N.M.	0041	2 19	12 03 22.5	14 27	40 00				845042
10013	ORGAN PASS-BN, N.M.	9001	2 19	12 03 54.09	15 56 30	61 03				434013
10050	ALBUQUERQUE, N.M.	0041	2 19	12 03 57.2	15 12	43 30				845042
10012	DENVER, COLO.	8592	2 19	12 04 13.4			164 36	63 36		845304
10014	ORGAN PASS-BN, N.M.	9001	2 19	12 05 37.57	19 49 48	47 18				434013
10045	FT. WORTH, TEX.	0139	2 19	12 05 39.6	15 04 30	71 18				845013
10013	WICHITA, KAN.	8405	2 19	12 05 46.2	15 27 52	38 30				845013
10014	FT. WORTH, TEX.	0139	2 19	12 05 49.0	15 58 00	72 24				845013
10040	WALNUT CREEK, CAL.	8555	2 19	14 05 14.4	15 49 45	42 40				845013
10018	SACRAMENTO, CAL.	8517	2 19	14 05 19.2			180 00	89 26		841302
10016	SACRAMENTO, CAL.	8517	2 19	14 06 22.9						841013
10017	LAREDO-RADAR, TEX.	4012	2 19	18 19 00.0			238 12 00	19 12 00	1750	895307
10179	CAPE TOWN	0402	2 19	19 08 19.2			164 00	83 00		845302
10145	PRETORIA	0405	2 19	19 12 57.7	7 47	-46 36				845041
10141	PRETORIA	8575	2 19	19 13 08.8			157 36	67 36		845303

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10016	OLIFANTSPNTN-BN.S.AF	9002	2 19	19 14 18.04	8 29 42	-40 29				434023
10017	OLIFANTSPNTN-BN.S.AF	9002	2 19	19 17 28.72	9 30 06	-25 22				434023
10142	PRETORIA	8575	2 19	19 17 29.8	9 34	-26 00				434041
10053	TOKYO-BN, JAPAN	9005	2 19	19 35 51.20	11 28 24	20 04				434013
10157	KAGOSHIMA	0218	2 19	19 56 48	16 40	59				434002
10054	TOKYO-BN, JAPAN	9005	2 19	19 37 03.10	12 36 24	33 57				434013
10055	TOKYO-BN, JAPAN	9005	2 19	19 38 07.80	14 48 48	47 44				434013
10056	MAINI TAL-BN, INDIA	9006	2 19	23 53 59.27	11 23 06	68 00				434013
10057	MAINI TAL-BN, INDIA	9006	2 19	23 54 31.10	13 00 00	77 57				434013
10058	MAINI TAL-BN, INDIA	9006	2 19	23 56 06.30	20 40 00	66 59				434013
10060	SHIRAZ-BN, IRAN	9008	2 20	1 52 19.16	10 38 48	57 37				434013
10061	SHIRAZ-BN, IRAN	9008	2 20	1 55 02.70	21 00 06	67 55				434013
10061	AREQUIPA-BN, PERU	9007	2 20	3 07 47.93	4 52 36	-50 08				434023
10025	SAN FERNANDO-BN, SP.	9004	2 20	5 50 37.90	14 58 06	47 59				434013
10025	SAN FERNANDO-BN, SP.	9004	2 20	5 50 57.30	15 56 36	49 39				434013
10018	NEUDON, FR.	2715	2 20	5 53 10.6			169 19	27 27		437109
10019	NEUDON, FR.	2715	2 20	5 53 42.1			158 44	25 49		437109
10020	NEUDON, FR.	2715	2 20	5 54 13.4			149 17	23 31		437109
10021	NEUDON, FR.	2715	2 20	5 54 52.5			139 17	20 00		437109
10043	JUPITER-BN, FLA.	9010	2 20	9 43 59.60	14 01 12	74 35				434013
10045	JUPITER-BN, FLA.	9010	2 20	9 44 11.60	15 16 30	75 48				434013
10016	N. CANTON, OHIO	8565	2 20	9 44 22.2	15 08 31	1 24				434013
10019	N. CANTON, OHIO	8559	2 20	9 44 22.7	15 07 05	2 00				434013
10020	N. CANTON, OHIO	8536	2 20	9 44 24.0	15 13	1 18				434013
10044	JUPITER-BN, FLA.	9010	2 20	9 45 09.97	18 32 12	69 39				434013
10045	WOONERA-BN, AUSTR.	9003	2 20	10 52 06.46	9 09 30	-51 28				434023
10047	ADELAIDE, AUSTR.	0600	2 20	10 53 46.4			192 30	86		434023
10047	ADELAIDE, AUSTR.	0600	2 20	10 53 56			171 30	86		434023
10048	ADELAIDE, AUSTR.	0600	2 20	10 54 01			172	86		434023
10051	ADELAIDE, AUSTR.	8528	2 20	10 54 06	6 17	-39 18				434002
10046	WOONERA-BN, AUSTR.	9003	2 20	10 55 52.50	7 43 00	-41 22				434023
10047	WOONERA-BN, AUSTR.	9003	2 20	11 02 38.54	10 02 54	-14 21				434013
10022	DENVER, COLO.	8582	2 20	11 43 52.8			164 18	64 06		434004
10051	DENVER, COLO.	8592	2 20	11 44 42.0			124 30	56 48		434004
10023	WICHITA, KAN.	8605	2 20	11 45 27.7	15 13 52	37 56				434013
10024	TERRE HAUTE, IND.	8127	2 20	11 47 40.4			176	83 25		434003
10032	MADISON, WISC.	0148	2 20	11 48 12.4	17 32 48	7 57				434013
10042	WOONERA-BN, AUSTR.	9003	2 20	12 56 03.36	4 21 18	-29 24				434023
10044	WOONERA-BN, AUSTR.	9003	2 20	13 04 28.52	8 10 12	-6 20				434013
10048	SACRAMENTO, CAL.	8517	2 20	13 45 00.0			180 00	88 53		434004
10052	WHITTIER	8564	2 20	13 45 42.0			355 00	52 20		434002
10025	WHITTIER, CAL.	8564	2 20	13 45 42.1			355 00	51 54 36		434002
10022	LAREDO-RADAR, TEX.	4012	2 20	15 34 15.0			325 06 00	43 48 00	897	895307
10023	LAREDO-RADAR, TEX.	4012	2 20	15 35 49.5			52 06 00	62 26 00	734	895307
10067	OLIFANTSPNTN-BN.S.AF	9002	2 20	18 46 32.21	3 42 12	-53 37				434023
10146	CAPETOWN	0402	2 20	18 47 09.8			163 54	82 36		434003
10068	OLIFANTSPNTN-BN.S.AF	9002	2 20	18 49 58.44	6 13 30	-52 05				434023
10144	PRETORIA	8575	2 20	18 50 09.3	6 24	-52 12				434041
10145	PRETORIA	0405	2 20	18 51 03.2	7 01	-49 48				434041
10146	PRETORIA	8575	2 20	18 52 00.3			157 36	66 54		434003
10069	OLIFANTSPNTN-BN.S.AF	9002	2 20	18 57 58.78	10 03 18	-18 41				434013
10074	MAINI TAL-BN, INDIA	9006	2 20	23 32 49.30	10 40 12	55 04				434013
10075	MAINI TAL-BN, INDIA	9006	2 20	23 33 45.84	11 50 12	70 29				434013
10076	MAINI TAL-BN, INDIA	9006	2 20	23 34 49.04	17 08 24	78 38				434013
10048	SAN FERNANDO-BN, SP.	9004	2 21	5 30 18.50	14 46 42	47 02				434013
10049	SAN FERNANDO-BN, SP.	9004	2 21	5 30 28.50	15 13 18	48 00				434013
10070	WOONERA-BN, AUSTR.	9003	2 21	10 31 25.60	9 12 00	-51 35				434023
10071	WOONERA-BN, AUSTR.	9003	2 21	10 34 29.74	7 17 48	-43 07				434023
10065	ORGAN PASS-BN, N.M.	9001	2 21	11 22 55.38	14 35 12	56 12				434013
10066	ORGAN PASS-BN, N.M.	9001	2 21	11 25 19.20	15 22 54	43 49				434013
10053	MADISON, WISC.	0148	2 21	11 27 04.0	15 48 12	9 15				434012
10176	MILWAUKEE	0198	2 21	11 27 11	15 28	9 50				434013
10054	MADISON, WISC.	0148	2 21	11 27 40.0	16 51 06	9 20				434012
10055	ADELAIDE, AUSTR.	0600	2 21	12 40 41.2			321 00	58 30		434002
10056	ADELAIDE, AUSTR.	0600	2 21	12 40 50.0			322 00	59 00		434002
10055	ADELAIDE, AUSTR.	0600	2 21	12 41 05.8			326 00	59 00		434002
10056	ADELAIDE, AUSTR.	0600	2 21	12 41 45			331 30	58 15		434002
10057	ADELAIDE, AUSTR.	0600	2 21	12 41 55.4			335 30	58 00		434002
10075	WOONERA-BN, AUSTR.	9003	2 21	12 43 46.99	8 06 12	-5 44				434013
10069	SACRAMENTO, CAL.	8517	2 21	13 24 39.7			180 00	88 24		434003
10057	CHINA LAKE, CAL.	0698	2 21	13 25 24.7			0 00 00	64 39 36		434003
10070	SACRAMENTO, CAL.	8517	2 21	13 25 36.0	17 32 18	35 39				434013
10071	WALNUT CREEK, CAL.	8594	2 21	13 26 13.6	18 56 54	33 37				434013
10086	TOKYO-BN, JAPAN	9005	2 21	17 18 08.40	18 19 48	13 11				434013
10147	CAPETOWN	0402	2 21	18 27 00.8			164 48	82 00		434003
10158	KAGOSHIMA	0218	2 21	19 17 30.5	18 39	47 24				434012
10087	TOKYO-BN, JAPAN	9005	2 21	19 17 34.60	14 45 18	46 24				434013
10088	TOKYO-BN, JAPAN	9005	2 21	19 21 09.30	20 10 00	27 04				434013
10089	MAINI TAL-BN, INDIA	9006	2 21	23 13 25.60	12 00 18	69 59				434013
10090	MAINI TAL-BN, INDIA	9006	2 21	23 14 45.33	17 57 54	74 40				434013
10093	SHIRAZ-BN, IRAN	9008	2 22	1 11 38.18	10 41 54	59 03				434013
10076	ANTOFAGASTA, CHILE	0804	2 22	2 32 30.5	8 06 48	-19 30				434042
10084	SAN FERNANDO-BN, SP.	9004	2 22	5 10 46.30	16 42 00	46 59				434013
10085	SAN FERNANDO-BN, SP.	9004	2 22	5 10 52.50	16 56 30	46 35				434013
10080	WOONERA-BN, AUSTR.	9003	2 22	10 10 03.92	4 42 42	-52 31				434023
10030	ADELAIDE, AUSTR.	8596	2 22	10 11 44.2			164 00	85 00		434002
10081	WOONERA-BN, AUSTR.	9003	2 22	10 18 48.54	9 09 24	-21 02				434013
10078	ORGAN PASS-BN, N.M.	9001	2 22	11 03 19.44	16 22 24	55 26				434013
10079	ORGAN PASS-BN, N.M.	9001	2 22	11 04 28.11	18 24 42	47 46				434013
10077	SAN ANTONIO, TEX.	0096	2 22	11 04 30.1	14 54 19	78 01				434012
10078	ALAMOGORDO, N.M.	0102	2 22	11 05			45	60		434001
10058	MADISON, WISC.	0148	2 22	11 06 42.4	15 29 36	10 24				434012
10079	N. CANTON, OHIO	8536	2 22	11 08 18.4	15 48 55	23 38				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90004	MADISON, WISC.	0148	2 22	11 00 19.2	10 00 24	8 42				045012
90006	N. CANTON, OHIO	0534	2 22	11 00 21.9	15 33 40	23 35				045012
90008	N. CANTON, OHIO	0559	2 22	11 00 43.8	16 33 07	28 00				045013
90001	ROCHESTER, N.Y.	0544	2 22	11 09 08.0	16 03 34	8 42				045012
10002	USHERA-ON, AUSTR.	9003	2 22	12 12 14.94	3 09 18	-31 00				045023
90030	ABELAIDE, AUSTR.	0400	2 22	12 17 34.2			300 00	57 00		045020
90040	ABELAIDE, AUSTR.	0400	2 22	12 19 41			321 00	60 00		045020
90041	ABELAIDE, AUSTR.	0400	2 22	12 19 41.8			321 30	60 00		045020
90042	ABELAIDE, AUSTR.	0400	2 22	12 19 55.4			324 30	60 00		045020
10003	USHERA-ON, AUSTR.	9003	2 22	12 20 04.13	8 47 18	3 03				045013
90002	SACRAMENTO, CAL.	0517	2 22	13 02 48.4	12 22 34	25 09				045013
90072	WALNUT CREEK, CAL.	0535	2 22	13 04 11.0	14 55 32	40 34				045014
90073	WALNUT CREEK, CAL.	0504	2 22	13 04 19.8	14 54 43	41 00				045012
90003	SACRAMENTO, CAL.	0590	2 22	13 04 20.4	15 01 15	34 35				045012
90004	SACRAMENTO, CAL.	0590	2 22	13 04 30.0	15 18 52	37 05				045012
90074	WALNUT CREEK, CAL.	0504	2 22	13 04 47.4	15 26 00	41 24				045012
90005	PHOENIX, ARIZ.	0576	2 22	13 04 29.25			0	49 12		045020
10005	OLIFANTSFNTH-ON.S.AF	9002	2 22	15 00 10.04	6 04 12	-92 22				045023
10006	OLIFANTSFNTH-ON.S.AF	9002	2 22	15 11 34.04	8 07 24	-39 00				045023
10105	TEKYO-ON, JAPAN	9009	2 22	15 37 11.20	14 30 48	45 15				045013
10106	TEKYO-ON, JAPAN	9009	2 22	15 50 45.00	17 49 48	42 12				045013
10007	OLIFANTSFNTH-ON.S.AF	9002	2 22	20 14 25.30	5 38 42	-21 09				045013
10008	OLIFANTSFNTH-ON.S.AF	9002	2 22	20 16 55.90	6 42 42	-12 38				045013
10108	MAINI TAL-ON, INDIA	9006	2 22	22 55 02.37	19 00 48	64 11				045013
10091	SHIRAZ-ON, IRAN	9000	2 23	0 32 19.03	12 43 24	74 03				045013
10092	SHIRAZ-ON, IRAN	9000	2 23	0 34 05.14	20 46 12	44 14				045013
10103	SAN FERNANDO-ON, SP.	9004	2 23	4 49 16.00	13 44 42	43 04				045013
10104	SAN FERNANDO-ON, SP.	9004	2 23	4 49 46.00	14 37 34	43 42				045013
30122	TOURVILLE	0570	2 23	9 57 06.4			148 48	44 11		045020
90006	DALLAS, TEX.	0129	2 23	10 44 07.2	13 45 12	62 37				045013
90007	DALLAS, TEX.	0129	2 23	10 44 12.95	13 52 00	63 22				045013
90008	WICHITA, KAN.	0405	2 23	10 44 17.8	14 24 17	34 11				045013
90009	WICHITA, KAN.	0405	2 23	10 44 18.0	14 24 33	34 09				045013
90000	PORT WORTH, TEX.	0139	2 23	10 46 31.8	18 05 00	59 04				045013
10101	USHERA-ON, AUSTR.	9003	2 23	11 50 49.00	2 43 42	-31 23				045023
10102	USHERA-ON, AUSTR.	9003	2 23	12 00 10.67	8 34 48	6 25				045013
90091	WALNUT CREEK, CAL.	0535	2 23	12 43 42.2	14 34 40	39 59				045014
90092	WALNUT CREEK, CAL.	0504	2 23	12 44 07.4	15 26 18	41 18				045013
90075	WALNUT CREEK, CAL.	0504	2 23	12 44 09.2	15 27 00	41 04				045012
90094	WHITTIER, CAL.	0544	2 23	12 44 34.1			354 00	55 04		045020
90095	SACRAMENTO, CAL.	0517	2 23	12 46 37.2	18 04 30	31 24				045013
90096	PHOENIX, ARIZ.	0576	2 23	12 46 04.8			0	50 48		045020
10099	USHERA-ON, AUSTR.	9003	2 23	13 34 59.34	4 00 34	-10 55				045013
10100	USHERA-ON, AUSTR.	9003	2 23	14 03 44.20	5 34 30	6 01				045013
10114	MAUI-ON, HAWAII	9012	2 23	14 42 02.07	22 15 30	78 30				045013
10115	MAUI-ON, HAWAII	9012	2 23	14 42 04.04	22 12 24	77 50				045013
10111	TEKYO-ON, JAPAN	9009	2 23	15 37 34.00	16 43 48	44 11				045013
10112	TEKYO-ON, JAPAN	9009	2 23	15 40 02.90	19 11 34	30 35				045013
10149	CAPETOWN	0402	2 23	19 32 40.0			328 48	64 30		045020
10113	TEKYO-ON, JAPAN	9009	2 23	20 42 02.00	16 43 04	60 30				045013
10109	SHIRAZ-ON, IRAN	9000	2 24	0 32 55.37	17 01 48	73 53				045013
10110	SHIRAZ-ON, IRAN	9000	2 24	0 33 07.52	17 41 18	72 10				045013
30123	TOURVILLE	0570	2 24	9 55 32.3			149 48	45 44		045020
30124	TOURVILLE	0570	2 24	9 55 34.8			149 24	45 20		045020
30125	TOURVILLE	0570	2 24	9 55 36.48			148 34	45 23		045020
90099	CINCINNATI, OHIO	0004	2 24	10 24 30.0			174 18	87 00		045020
90100	DAYTON, OHIO	0507	2 24	10 24 57.4			174 48	82 24		045020
90097	N. CANTON, OHIO	0534	2 24	10 27 32.9	15 13 27	25 10				045013
90098	N. CANTON, OHIO	0534	2 24	10 27 34.3	15 18 55	25 10				045012
90099	N. CANTON, OHIO	0559	2 24	10 27 40.4	15 23 58	24 55				045013
90106	DAYTON, OHIO	0557	2 24	10 28 34.7			96 12	49 24		045020
90100	STATE COLLEGE, PA.	0405	2 24	10 29 02.2			128 42	64 42		045020
10120	JUPITER-ON, FLA.	9010	2 24	10 29 59.94	21 53 48	59 23				045013
10121	JUPITER-ON, FLA.	9010	2 24	10 30 21.73	21 55 04	54 50				045013
10110	USHERA-ON, AUSTR.	9003	2 24	11 29 44.71	2 25 12	-31 44				045023
10119	USHERA-ON, AUSTR.	9003	2 24	11 42 21.26	8 00 24	-0 40				045013
90093	WALNUT CREEK, CAL.	0535	2 24	12 23 25.9	14 28 10	39 41				045014
90101	PHOENIX, ARIZ.	0576	2 24	12 25 44.4			0	52 30		045020
10116	OSBAN PASS-ON, N.M.	9001	2 24	12 26 04.44	11 53 30	40 39				045013
90102	PHOENIX, ARIZ.	0576	2 24	12 26 24.0	19 10	68				045014
10117	OSBAN PASS-ON, N.M.	9001	2 24	12 31 04.49	21 33 24	25 30				045013
10128	OLIFANTSFNTH-ON.S.AF	9002	2 24	17 26 47.85	6 15 04	-51 13				045023
10129	OLIFANTSFNTH-ON.S.AF	9002	2 24	17 40 34.94	10 30 24	3 07				045013
10130	OLIFANTSFNTH-ON.S.AF	9002	2 24	19 26 34.99	2 34 06	-30 51				045023
10131	OLIFANTSFNTH-ON.S.AF	9002	2 24	19 39 27.42	8 11 18	5 52				045013
10149	VILLA DOLORES-ON, ARG.	9011	2 25	3 25 40.17	4 06 42	-5 42				045013
10140	JUPITER-ON, FLA.	9010	2 25	10 00 17.17	21 14 00	77 50				045013
10132	USHERA-ON, AUSTR.	9003	2 25	11 09 16.29	2 20 48	-32 12				045023
30126	TOURVILLE	0570	2 25	11 23 25.1			107 04	88 55		045020
30127	TOURVILLE	0570	2 25	11 23 26.3			41 34	89 34		045020
10133	USHERA-ON, AUSTR.	9003	2 25	11 24 40.48	8 59 12	10 18				045013
90119	ABELAIDE, AUSTR.	0594	2 25	11 26 29			34	24 30		045020
90107	CHIRA LAKE, CAL.	0500	2 25	12 04 00.1			0 00 00	69 54 00		045020
10124	OSBAN PASS-ON, N.M.	9001	2 25	12 04 09.05	10 19 18	48 28				045013
90108	PHOENIX, ARIZ.	0576	2 25	12 05 19.4			0	54 00		045020
90103	PHOENIX, ARIZ.	0576	2 25	12 06 14.41	18 07 42	63 39				045014
90104	SAN ANTONIO, TEX.	0094	2 25	12 08 45.63	19 15 53	82 24				045013
10125	OSBAN PASS-ON, N.M.	9001	2 25	12 10 15.37	21 06 54	30 31				045013
90327	KAGOSHIMA	0218	2 25	19 59 59.3	14 18	77 12				045020
10145	CURACAO-ON, N.W.I.	9009	2 26	1 11 22.04	8 34 30	-40 20				045023
90945	BERLIN	0700	2 26	3 53 32.3			171 48	23 30		045020
90024	NEUDON, FR.	2715	2 26	3 55 12.6			116 34	12 54		045020

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90025	MEUDON, FR.	2715	2 26	3 55 33.9			114 34	11 05		437109
90026	MEUDON, FR.	2715	2 26	3 55 59.7			112 26	9 05		437109
90966	BERLIN	0700	2 26	3 56 14.8			140 06	13 00		440303
10138	SAN FERNANDO-BN, SP.	9004	2 26	5 53 44.30	16 05 18	51 39				434013
10139	SAN FERNANDO-BN, SP.	9004	2 26	5 53 56.30	16 39 42	50 21				434013
10151	JUPITER-BN, FLA.	9010	2 26	9 46 17.34	9 52 36	79 45				434013
90111	MADISON, WISC.	0148	2 26	9 46 49.0	16 42 48	19 24				443012
10152	JUPITER-BN, FLA.	9010	2 26	9 47 53.02	20 31 36	77 32				434013
10153	WOONERA-BN, AUSTR.	9003	2 26	11 02 53.05	8 34 06	7 29				434013
10126	ORAN PASS-BN, N.M.	9001	2 26	11 45 02.05	11 27 42	64 26				434013
10127	ORAN PASS-BN, N.M.	9001	2 26	11 47 12.89	18 48 00	64 53				434013
10136	WOONERA-BN, AUSTR.	9003	2 26	12 53 44.03	3 19 54	-12 00				434013
10137	WOONERA-BN, AUSTR.	9003	2 26	13 05 02.71	6 34 42	19 45				434013
90112	SACRAMENTO, CAL.	8517	2 26	13 47 44.8	16 05 48	32 36				441013
90113	SACRAMENTO, CAL.	8517	2 26	13 47 52.3			180 00	83 50		441303
90328	YATSUSHIRO	0272	2 26	19 38 40			0 00	51 00		443302
10141	TOKYO-BN, JAPAN	9005	2 26	19 39 18.20	11 59 36	49 13				434013
10142	TOKYO-BN, JAPAN	9005	2 26	19 40 35.50	14 50 36	58 43				434013
10146	CURACAO-BN, N.M.I.	9009	2 27	0 51 26.77	8 48 06	-57 05				434023
10147	CURACAO-BN, N.M.I.	9009	2 27	0 55 33.33	9 59 06	-43 22				434023
10148	SAN FERNANDO-BN, SP.	9004	2 27	5 53 19.20	15 44 12	51 27				434013
10153	JUPITER-BN, FLA.	9010	2 27	9 25 58.52	10 34 00	81 18				434013
90110	STATE COLLEGE, PA.	8594	2 27	9 27 05.2			182 00	77 30		443302
10154	JUPITER-BN, FLA.	9010	2 27	9 27 16.39	19 30 30	79 43				434013
90120	ADELAIDE, AUSTR.	8596	2 27	10 34 26			330 15	64 15		443302
10160	WOONERA-BN, AUSTR.	9003	2 27	10 45 35.13	9 17 18	17 12				434013
10157	WOONERA-BN, AUSTR.	9003	2 27	12 32 01.71	2 52 40	-13 14				434013
10158	WOONERA-BN, AUSTR.	9003	2 27	12 45 57.63	6 58 06	25 59				434013
90159	CAPE TOWN	0402	2 27	18 27 34.5			329 00	67 00		443302
90336	KASOSHIMA	0218	2 27	19 18 06.4	14 57	69 42				443002
90351	KONO	0224	2 27	19 18 51.2	14 28 54	63 36				443012
10163	TOKYO-BN, JAPAN	9005	2 27	19 19 36.10	13 13 06	55 35				434013
90359	MIYAZAKI	0218	2 27	19 20 19.4	15 09 48	55 54				443013
90329	MITAKA	0229	2 27	19 20 23.5			3 54	68 18		443305
90353	SAPPORO	0245	2 27	19 21 23.6	14 34 00	14 48				443012
90352	KASHIMABARA	0222	2 27	19 21 30.5	18 54 24	45 12				443002
90350	SENDAI	0246	2 27	19 21 53.6			83 18	60 54		443302
10164	TOKYO-BN, JAPAN	9005	2 27	19 22 28.70	19 04 42	35 41				434013
10155	SHIRAZ-BN, IRAN	9008	2 28	1 16 34.26	18 47 48	75 27				434013
10156	SHIRAZ-BN, IRAN	9008	2 28	1 17 18.24	19 59 42	64 29				434013
90495	TOHERNOVITSY	1062	2 28	3 14 01.8	14 25 00	- 6 00				443009
90496	TOHERNOVITSY	1062	2 28	3 16 01.6	16 35 00	-10 00				443009
90495	TOHERNOVITSY	1062	2 28	3 16 20.9	16 52 00	-11 12				443009
10161	SAN FERNANDO-BN, SP.	9004	2 28	5 12 51.60	15 25 04	51 12				434013
10162	SAN FERNANDO-BN, SP.	9004	2 28	5 13 05.90	16 00 42	50 01				434013
10166	WOONERA-BN, AUSTR.	9003	2 28	10 08 49.65	2 43 48	-32 51				434023
90120	ADELAIDE	8528	2 28	10 13 25.3	5 10 30	-12 30				443002
10167	WOONERA-BN, AUSTR.	9003	2 28	10 21 17.02	8 17 36	8 16				434013
90116	FORT WORTH, TEX.	0139	2 28	11 07 43.65	16 20 42	69 12				443013
90115	DALLAS, TEX.	0129	2 28	11 08 25.0	17 55 00	62 36				443013
10168	JUPITER-BN, FLA.	9010	2 28	11 11 49.68	18 16 48	78 43				434013
90160	WALNUT CREEK	8594	2 28	13 06 42.3	14 54 30	39 36				443012
90116	SACRAMENTO, CAL.	8517	2 28	13 07 02.4			180 00	85 38		441303
90161	WALNUT CREEK	8535	2 28	13 07 06.7	15 45 40	37 53				443013
90117	SACRAMENTO, CAL.	8517	2 28	13 07 17.8	15 59 06	33 01				441013
90162	WALNUT CREEK	8535	2 28	13 09 00.2	18 42 30	19 12				443013
90160	CAPE TOWN	0402	2 28	18 06 23.4			330 00	67 42		443303
10170	TOKYO-BN, JAPAN	9005	2 28	18 59 13.30	13 17 36	55 35				434013
90356	MIYAZAKI	0233	2 28	18 59 52.4			0 00	70		443302
90357	KONO	0224	2 28	19 00 04	18 00 00	50 18				443013
90358	MIYAZAKI	0230	2 28	19 00 21.1	19 10 12	49 42				443012
10171	TOKYO-BN, JAPAN	9005	2 28	19 03 54.30	19 54 06	18 59				434013
90359	MIYAZAKI	0230	2 28	21 01 44.0	12 17 12	92 50				443012
90360	KASOSHIMA	0218	2 28	21 03 15.5	16 20 00	61 24				443002
10172	SHIRAZ-BN, IRAN	9008	3 01	8 54 04.56	10 32 24	68 28				434013
10173	SHIRAZ-BN, IRAN	9008	3 01	8 57 49.15	20 09 36	92 06				434013
10166	SAN FERNANDO-BN, SP.	9004	3 01	4 52 01.90	14 18 24	51 17				434013
10169	SAN FERNANDO-BN, SP.	9004	3 01	4 52 03.90	14 23 06	51 18				434013
10176	JUPITER-BN, FLA.	9010	3 01	8 47 06.11	19 12 18	69 37				434013
90056	BETHPAGE-P	5078	3 01	8 48 01.0	15 50 24	26 54				437047
90059	BETHPAGE-P	5075	3 01	8 48 44.4	16 48 42	23 00				437047
90060	BETHPAGE-P	5075	3 01	8 49 54.0	18 00 48	15 42				437047
90061	BETHPAGE-P	5075	3 01	8 50 30.4	18 27 42	12 24				437047
90129	ADELAIDE	8596	3 01	9 52 19			333 45	66		443302
90171	SYDNEY	0602	3 01	9 56 00.4	5 31 30	1 42				443042
90130	ADELAIDE	8596	3 01	10 00 02			36 30	35		443302
10174	ORAN PASS-BN, N.M.	9001	3 01	10 45 29.94	16 39 42	64 23				434013
90118	FORT WORTH, TEX.	0139	3 01	10 47 15.7	16 00 00	68 03				443013
90057	MADISON-P	5078	3 01	10 49 17.0	15 59 42	62 00				437017
10177	JUPITER-BN, FLA.	9010	3 01	10 49 22.40	10 41 06	65 15				434013
10178	JUPITER-BN, FLA.	9010	3 01	10 52 24.77	20 14 24	61 49				434013
10179	JUPITER-BN, FLA.	9010	3 01	10 54 55.75	21 24 06	24 49				434013
90180	PERTH	0601	3 01	11 53 35.1			330 00	63 00		441302
10180	WOONERA-BN, AUSTR.	9003	3 01	12 00 01.06	5 22 42	12 30				434013
90163	WALNUT CREEK	8535	3 01	12 46 27.7	15 06 30	39 16				443013
10175	ORAN PASS-BN, N.M.	9001	3 01	12 49 28.82	14 05 12	93 05				434013
90031	LAREDO-RADAR, TEX.	4012	3 01	14 56 02.5			241 54 00	23 12 00	1455	443307
90181	CAPE TOWN	0402	3 01	17 45 23.9			330 00	68 06		443303
90361	KASOSHIMA	0218	3 01	20 41 21.0	12 25 00	56 12				443002
10187	VILLA DOLORES-BN, ARG.	9011	3 01	23 39 25.34	3 28 30	-20 24				434013
10183	SHIRAZ-BN, IRAN	9008	3 02	0 35 17.06	16 29 18	74 57				434013
10189	VILLA DOLORES-BN, ARG.	9011	3 02	1 45 48.07	4 10 18	6 01				434013

QAS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10190	VILLA DOLORES-SH. ARG.	9011	3 02	1 54 20.71	4 30 34	32 30				434013
10181	SAN FERNANDO-SH. SP.	9004	3 02	4 32 31.00	16 12 48	44 51				434013
10182	SAN FERNANDO-SH. SP.	9004	3 02	4 32 39.00	16 27 24	45 45				434013
10184	GRAN PASS-SH. N.M.	9001	3 02	10 26 09.47	18 05 30	53 46				434013
20130	PORT WORTH	0129	3 02	10 26 40.43	15 25 54	67 09				845013
20134	DALLAS	0129	3 02	10 26 49.28	15 17 00	66 44				845013
20136	SAN ANTONIO	0094	3 02	10 20 52.6	20 20 08	30 03				845012
20186	JUPITER-SH. FLA.	9010	3 02	10 33 32.95	20 46 42	38 01				434013
10199	WESHERA-SH. AUSTR.	9003	3 02	11 30 32.94	5 08 24	12 08	180 00	86 58		641303
20136	SACRAMENTO	8517	3 02	12 26 03.3						434013
10186	GRAN PASS-SH. N.M.	9001	3 02	12 30 13.83	16 33 42	47 28	242 24 00	24 48 00	1418	895307
20032	LAREDO-RADAR, TEX.	4012	3 02	14 35 45.0						
10194	SHIRAZ-SH. IRAN	9008	3 03	0 15 35.17	18 06 18	67 37				434013
20000	FRANKE	1088	3 03	0 17 39.6	13 31 00	4 54				845009
20496	TOHARJOU	1061	3 03	0 42 25.9	19 10 06	19 24				845009
20497	TOHARJOU	1061	3 03	0 43 37.9	16 37 42	10 12				845009
10191	AREQUIPA-SH. PERU	9007	3 03	1 32 31.31	6 33 48	11 32				434013
20498	BATUNI	1009	3 03	2 16 32.1	13 05 06	5 42				845009
20499	BATUNI	1009	3 03	2 17 01.8	13 12 30	4 30				845009
10195	SHIRAZ-SH. IRAN	9008	3 03	2 19 11.13	13 48 48	1 34				434013
20033	NEUDON. PR.	2715	3 03	4 16 32.3			142 18	16 58		637109
20034	NEUDON. PR.	2715	3 03	4 16 49.0			140 17	15 29		637109
20035	NEUDON. PR.	2715	3 03	4 17 02.1			138 49	14 18		637109
20036	NEUDON. PR.	2715	3 03	4 17 18.9			137 02	12 46		637109
20130	CINCINNATI	0050	3 03	8 00 24			86 42	23 12		845302
20137	KANSAS CITY	0034	3 03	10 06 31.2			180 00	86 54		845303
20132	NADISON	0148	3 03	10 07 39.3			184 48	59 24		845302
20131	CINCINNATI	0050	3 03	10 09 11.3			174 42	75 18		845302
10196	JUPITER-SH. FLA.	9010	3 03	10 10 11.00	15 43 40	77 43				434013
20130	STATE COLLEGE	0403	3 03	10 11 09.0			167 12	51 24		845302
20130	PORT BELVOIR	0404	3 03	10 11 22.8			180	50		845302
20052	BETHPAGE - P	5075	3 03	10 11 25.4	14 52 48	4 18				637047
20051	BETHPAGE - P	5075	3 03	10 11 46.3	13 32 30	- 1 18				637047
10198	WESHERA-SH	9003	3 03	11 17 47.55	4 54 24	12 00				434013
20144	WALNUT CREEK	8535	3 03	12 00 26.0	14 36 20	40 04				845014
20140	SACRAMENTO	8517	3 03	12 00 30.7			180 00	87 34		641304
20037	LAREDO-RADAR, TEX.	4012	3 03	14 15 19.0			242 34 00	26 34 00	1444	895307
10201	SHIRAZ-SH	9008	3 03	23 35 42.71	18 28 48	59 28				434013
20001	BATUNI	1009	3 04	1 34 13.4	4 00 00	-09 03				845009
10202	SHIRAZ-SH	9008	3 04	2 00 13.19	17 02 18	43 31				434013
20078	POTSAN	2729	3 04	3 35 43.1	15 39 00	-19 30				834009
20079	POTSAN	2729	3 04	3 36 37.4	16 17 30	-22 00				834009
10207	WESHERA-SH	9003	3 04	10 34 32.09	4 37 00	11 21				434013
10206	NAHI-SH	9012	3 04	13 43 35.14	20 09 12	72 08				434013
10200	SHIRAZ-SH	9008	3 04	23 37 20.44	19 18 12	36 18				434013
10200	JUPITER-SH	9010	3 05	0 36 17.29	8 39 48	-35 30				434023
10200	CURACAO-SH	9009	3 05	0 37 33.84	8 29 42	-17 37				434013
10200	JUPITER-SH	9010	3 05	1 00 09.40	9 50 34	-23 44				434023
10200	SHIRAZ-SH	9008	3 05	1 39 21.11	15 38 00	40 26				434013
20400	REDEWISCH	2733	3 05	3 35 21.1	15 39 00	-16 42				834009
20401	REDEWISCH	2733	3 05	3 36 49.2	15 37 06	-17 48				834009
10211	JUPITER-SH	9010	3 05	9 32 36.79	19 53 18	34 34				434013
10199	WESHERA-SH	9003	3 05	10 39 29.99	4 23 24	11 24				434013
10197	GLIFANTSPYTH-SH	9002	3 05	10 31 57.10	4 16 00	13 59				434013
20342	YATSUBIRO	0272	3 05	19 22 00			61 30	60 12		845302
10224	NAHI-SH	9012	3 06	6 35 27.91	9 13 18	-14 48				434013
10210	JUPITER-SH	9010	3 06	9 08 22.00	14 25 12	74 31				434013
20102	SACRAMENTO	8517	3 06	13 10 10.9			180 00	41 29		641303
10214	NAINI TAL-SH	9004	3 06	14 29 19.94	9 31 00	-21 15				434013
10225	NAHI-SH	9012	3 06	15 07 50.24	10 09 42	71 58				434013
20344	KANAYA NACHI	0220	3 06	19 00 29	15 06	40 24				845002
20343	KERO	0224	3 06	19 02 06.1	16 34 40	30 18				845012
20340	KASOHIMA	0218	3 06	19 02 14.0	17 54	37 36				845002
10212	SAN FERNANDO-SH	9004	3 06	20 22 39.10	8 34 24	-31 43				434023
20752	PEIPING	1271	3 06	21 00 20.6	13 20 42	6 03				845002
20346	KASOHIMA	0218	3 06	21 03 48.0	13 09 30	11 34				845002
10216	VILLA DOLORES-SH	9011	3 07	0 00 33.60	2 51 34	3 34				434013
10217	VILLA DOLORES-SH	9011	3 07	0 04 30.32	4 06 34	18 41				434013
20144	W. PALM BEACH	0016	3 07	0 17 21.8			131 30	17 45 00		845303
20183	PUEBLA	0900	3 07	2 09 30.5	6 39 48	-43 00				845043
20184	PUEBLA	0900	3 07	2 13 14.4	7 52 54	-30 43				845043
20167	CINCINNATI	0050	3 07	2 20 30.0			168 04	22 12		845302
20053	POTSAN	2729	3 07	2 37 05.9	15 37 12	-19 18				834009
20054	POTSAN	2729	3 07	2 37 23.2	16 07 54	-19 48				834009
20100	SACRAMENTO	8517	3 07	4 17 03.4	8 29 48	-31 10				641043
20106	SACRAMENTO	8517	3 07	4 18 31.2	8 54 18	-27 27				641043
20107	SACRAMENTO	8517	3 07	4 19 13.8	9 09 12	-25 55				641043
20036	LAREDO-RADAR	4012	3 07	10 48 21.0			342 06 00	51 06 00	1512	895307
20205	NADISON	0148	3 07	10 48 39.0	13 17 18	- 3 45				845012
20160	PORT WORTH	0139	3 07	10 49 39.9	15 14 30	33 09				845012
20169	WICHITA	8605	3 07	10 49 40.6	15 12 16	8 11				845013
20170	WICHITA	8605	3 07	10 49 40.6	15 12 16	8 14				845013
20039	LAREDO-RADAR	4012	3 07	10 50 09.0			34 36 00	56 48 00	1333	895307
20040	LAREDO-RADAR	4012	3 07	10 51 35.3			75 12 00	40 42 00	1493	895307
20172	ST. PETERSBURG	8604	3 07	10 54 16.7	16 47	8 45				845032
20172	ST. PETERSBURG	8604	3 07	10 54 28	16 54 20	10 05				845032
20108	QUELON CITY	0500	3 07	12 09 25			130 12	63 48		845302
20109	WALNUT CREEK	8535	3 07	12 48 34.4	14 39 30	2 46				845014
20193	SACRAMENTO	8517	3 07	12 49 36.7			180 00	44 34		641303
20194	SACRAMENTO	8517	3 07	12 51 08.5	17 00 24	-16 42				641013
20041	LAREDO-RADAR	4012	3 07	12 53 43.5			244 48 00	34 30 00	1443	895307

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90042	LAREDO-RADAR	4012	3 07	12 55 22.5			207 06 00	35 42 00	1330	895307
90043	LAREDO-RADAR	4012	3 07	12 57 01.5			176 24 00	25 18 00	1330	895307
10220	SAN FERNANDO-BN	9004	3 07	20 04 14.10	9 01 48	-25 11				434023
90753	CHENGCHOW	1287	3 07	20 39 35.9	13 03 42	29 24				845009
10221	CURACAO-BN	9009	3 07	23 34 35.96	8 04 12	-17 04				434013
10222	CURACAO-BN	9009	3 08	1 36 37.92	5 21 48	0 58				434013
30195	PUEBLA	0900	3 08	3 39 11.8	6 34 00	4 05				845013
30196	PUEBLA	0900	3 08	3 39 36.9	6 31 18	7 36				845013
10244	MAUI-BN	9012	3 08	5 36 30.55	9 47 30	-2 25				434013
10233	JUPITER-BN	9010	3 08	8 29 14.28	17 47 00	55 29				434013
10234	JUPITER-BN	9010	3 08	8 31 32.34	19 08 36	28 34				434013
90044	LAREDO-RADAR	4012	3 08	10 27 40.5			342 42 00	52 00 00	1574	895307
10226	ORGAN PASS-BN	9001	3 08	10 27 43.96	16 17 18	41 14				434013
30174	FT. NORTH	0139	3 08	10 29 04.95	15 02 24	34 06				845012
90045	LAREDO-RADAR	4012	3 08	10 29 31.5			33 48 00	57 24 00	1393	895307
90046	LAREDO-RADAR	4012	3 08	10 31 19.5			74 00 00	42 00 00	1553	895307
10230	JUPITER-BN	9010	3 08	10 31 34.17	12 40 24	32 02				434013
10227	ORGAN PASS-BN	9001	3 08	10 32 04.47	19 01 36	3 42				434013
10231	JUPITER-BN	9010	3 08	10 34 03.23	15 47 24	14 05				434013
10232	JUPITER-BN	9010	3 08	10 37 10.39	19 03 12	-19 07				434013
30197	PASAY CITY	0501	3 08	11 46 34.5			148	60		845302
30198	PASAY CITY	0501	3 08	11 46 03.5			136	61		845302
30199	QUEZON CITY	0500	3 08	11 46 11			136 30	62 48		845303
30200	QUEZON CITY	0500	3 08	11 46 27			132 18	63 00		845303
90548	SAN DIEGO-P	5095	3 08	12 29 02.0	16 33 30	16 48				857047
10228	ORGAN PASS-BN	9001	3 08	12 29 21.33	12 24 06	11 43				434013
90047	LAREDO-RADAR	4012	3 08	12 33 09.0			263 24 00	34 34 00	1442	895307
90048	LAREDO-RADAR	4012	3 08	12 34 49.5			204 42 00	38 18 00	1311	895307
10229	ORGAN PASS-BN	9001	3 08	12 35 45.69	18 08 48	-34 34				434023
90049	LAREDO-RADAR	4012	3 08	12 36 34.5			175 18 00	27 12 00	1540	895307
10240	OLIFANTSPYTH-BN	9002	3 08	17 30 41.39	4 10 24	21 22				434013
90547	YATSUSHIRO	0272	3 08	18 25 27			95 00	14 00		845302
90548	KASOGHINA	0218	3 08	20 24 38.6	14 43 00	1 00				845002
10241	JUPITER-BN	9010	3 09	1 30 25.44	7 36 30	-16 55				434013
10243	JUPITER-BN	9010	3 09	1 44 01.90	9 40 36	4 44				434013
10235	ORGAN PASS-BN	9001	3 09	3 35 10.55	6 45 12	-27 26				434023
10236	ORGAN PASS-BN	9001	3 09	3 42 34.14	9 13 00	-4 03				434013
90042	POTSAM	2729	3 09	4 16 09.6	14 21 30	-24 34				834009
90043	POTSAM	2729	3 09	4 17 06.4	14 31 06	-20 18				834009
10249	MAUI-BN	9012	3 09	5 30 18.04	8 04 18	-22 55				434013
10250	MAUI-BN	9012	3 09	7 37 31.60	7 21 48	15 32				434013
30201	FT. NORTH	0139	3 09	10 08 33.63	14 36 36	34 00				845012
10237	ORGAN PASS-BN	9001	3 09	10 10 56.55	18 30 42	8 23				434013
40001	FT. MYERS-MT	4021	3 09	10 12 54.01	15 23 36	26 15				421010
40002	FT. MYERS-MT	4021	3 09	10 13 09.01	15 30 34	24 11				421010
30202	PASAY CITY	0501	3 09	11 26 29.5			139	63		845302
30204	QUEZON CITY	0500	3 09	11 26 31			137 00	63 00		845302
30205	QUEZON CITY	0500	3 09	11 26 53			136 30	61 48		845302
30206	PASAY CITY	0501	3 09	11 27 43.5			125	55		845302
30206	QUEZON CITY	0500	3 09	11 27 58			120 12	58 00		845302
30190	MALMUT CREEK	8535	3 09	12 07 20.3	14 08 45	7 14				845014
10238	ORGAN PASS-BN	9001	3 09	12 08 46.96	12 14 18	13 13				434013
90050	LAREDO-RADAR	4012	3 09	12 12 40.5			246 06 00	39 24 00	1515	895307
10239	ORGAN PASS-BN	9001	3 09	12 14 26.13	17 14 12	-28 44				434023
10251	MAUI-BN	9012	3 09	14 07 02.82	18 07 54	60 34				434013
10246	SAN FERNANDO-BN	9004	3 09	19 24 09.20	9 07 24	-19 05				434013
90775	BRATISLAVA-P	5702	3 09	19 25 23.0	7 39 00	-27 03				634042
90776	BRATISLAVA-P	5702	3 09	19 27 58.0	8 28 23	-20 02				634042
52054	RODENISH	2733	3 09	19 29 31.4	8 34 24	-29 34				834009
90550	KASOGHINA	0218	3 09	20 04 16.0	14 44 12	1 18				845002
90549	KONKO	0224	3 09	20 06 29.4	16 11 36	-25 18				845002
10247	SHIRAZ-BN	9008	3 09	23 58 06.77	16 53 34	32 51				434013
10252	JUPITER-BN	9010	3 10	1 20 49.47	8 40 42	-3 32				434013
10253	JUPITER-BN	9010	3 10	1 23 21.83	9 37 24	4 03				434013
10254	JUPITER-BN	9010	3 10	1 25 52.42	10 33 36	13 47				434013
10294	ORGAN PASS-BN	9001	3 10	3 20 53.38	8 47 48	-6 13				434013
90699	SAN ANTONIO	8610	3 10	3 20 58	7 54	-1 04				845012
30207	FT. NORTH	0139	3 10	3 21 29.69	7 57 24	-4 57				845012
10299	ORGAN PASS-BN	9001	3 10	3 24 32.88	10 09 36	6 01				434013
10255	JUPITER-BN	9010	3 10	9 49 31.19	11 41 12	35 39				434013
10256	JUPITER-BN	9010	3 10	9 50 52.43	12 54 06	33 10				434013
40003	FT. MYERS-MT	4021	3 10	9 52 19.01	15 12 18	27 43				421010
40004	FT. MYERS-MT	4021	3 10	9 52 36.01	15 34 36	24 46				421010
90200	W. PALM BEACH	0016	3 10	9 53 00.3			210	82 15 00		845303
90209	PASAY CITY	0501	3 10	11 05 43.5			134	60		845302
90552	MUSASHINO	0233	3 10	11 12 45.7			180	39 30		845302
90551	MITAKA	0229	3 10	11 17 07.9			144 30	47 24		845303
10270	TOKYO-BN	9005	3 10	11 17 27.20	9 21 18	0 24				434013
90059	LAREDO-RADAR	4012	3 10	11 52 10.5			246 48 00	42 00 00	1511	895307
90056	LAREDO-RADAR	4012	3 10	11 53 34.0			209 42 00	45 42 00	1372	895307
10271	TOKYO-BN	9005	3 10	13 15 45.20	6 19 42	0 10				434013
10290	MAUI-BN	9012	3 10	13 46 14.60	17 34 30	62 13				434013
10289	MAUI-BN	9012	3 10	15 32 21.51	16 00 12	-6 07				434013
10278	SHIRAZ-BN	9008	3 10	17 11 32.98	8 51 24	9 59				434013
10272	TOKYO-BN	9005	3 10	19 45 36.30	13 19 06	-9 16				434013
90553	MITAKA	0229	3 10	19 44 42.5			219 18	29 14		845303
90554	KONKO	0224	3 10	19 45 44.1	15 44 00	-21 36				845002
10263	SAN FERNANDO-BN	9004	3 10	21 08 10.40	8 36 18	-2 38				434013
10296	JUPITER-BN	9010	3 11	0 55 39.75	7 03 42	-19 37				434013
10297	JUPITER-BN	9010	3 11	1 01 06.76	8 59 48	1 34				434013
10210	CINCINNATI	0050	3 11	1 01 46			137 30	26 34		845302
10211	TERRE HAUTE	8127	3 11	1 02 12.0			131	22 52		845303

Obs No	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
98212	STATE COLLEGE	8994	3 11	1 04 00.1			140 06	30 42		845303
98213	ROCHESTER	8990	3 11	1 04 47.4	9 24 36	- 9 57				845303
98298	JUPITER-BN	9010	3 11	1 04 55.13	10 21 42	13 44				845303
98214	N. CANTON	8993	3 11	1 05 30.7	10 02 41	- 9 59				845303
98299	JUPITER-BN	9010	3 11	2 55 48.13	4 47 00	- 9 18				845303
98700	SAN ANTONIO	8610	3 11	2 59 50.2	7 43 18	- 1 24				845302
98210	FT. WORTH	8139	3 11	3 00 03.47	7 39 00	- 6 18				845303
98257	ORGAN PASS-BN	9001	3 11	3 00 08.85	8 43 34	- 9 02				845303
98260	JUPITER-BN	9010	3 11	3 01 02.49	9 54 48	6 94				845303
98219	ALBUQUERQUE	8941	3 11	3 02 11.1	9 21 34	- 2 25				845303
98258	ORGAN PASS-BN	9001	3 11	3 02 17.99	9 30 34	2 17				845303
98220	DERVER	8592	3 11	3 02 37.2			141 36	34 54		845304
98215	N. CANTON	8993	3 11	3 02 41	7 20 40	- 6 40				845303
98216	N. CANTON	8993	3 11	3 02 48.7	7 23 21	- 6 24				845303
98221	DERVER	8592	3 11	3 04 16.2			132 24	34 12		845304
98201	JUPITER-BN	9010	3 11	3 05 04.09	7 13 42	24 36				845303
98217	N. CANTON	8993	3 11	3 05 19	7 58 10	- 2 18				845304
98259	ORGAN PASS-BN	9001	3 11	3 05 58.07	10 51 04	12 20				845303
98226	SACRAMENTO	8517	3 11	5 05 59.3	9 07 36	2 40				845303
98264	SAN FERNANDO-BN	9004	3 11	5 24 59.40	13 48 06	-19 35				845303
98291	NAUJ-BN	9012	3 11	6 04 24.12	7 22 00	18 39				845303
98225	SACRAMENTO	8517	3 11	7 01 33.1	6 13 24	0 21				845303
98226	SACRAMENTO	8517	3 11	7 01 59.9	6 18 12	1 13				845303
98227	SACRAMENTO	8517	3 11	7 02 06.9	6 33 48	4 08				845303
98228	ROCHESTER	8564	3 11	7 31 59.2	17 12 34	-12 00				845303
98202	JUPITER-BN	9010	3 11	9 32 24.62	19 18 00	19 13				845303
98229	ST. PETERSBURG	8604	3 11	9 32 57.6	19 39 35	20 00				845303
98203	JUPITER-BN	9010	3 11	9 35 20.00	16 20 18	8 30				845303
98406	HIGASHINATSUYAMA	8210	3 11	10 51 23.2	7 23	-16 12				845303
98273	TEKYO-BN	9009	3 11	10 55 43.70	8 54 42	- 1 42				845303
98404	MITAKA	8229	3 11	10 56 48.2			145 36	46 42		845303
98222	DERVER	8592	3 11	11 29 33.4			213 30	29 12		845304
98223	DERVER	8592	3 11	11 30 57.3			196 18	25 40		845304
98230	GUELSEN CITY	8900	3 11	11 44 51			159 00	69		845302
98231	GUELSEN CITY	8900	3 11	11 44 55			154 30	61		845302
98290	NAUJ-BN	9012	3 11	19 31 47.94	15 49 04	- 2 34				845303
98405	SEKED	8234	3 11	19 25 03.4	19 27 30	-18 42				845302
98265	SAN FERNANDO-BN	9004	3 11	20 49 18.00	9 10 06	4 33				845303
98283	JUPITER-BN	9010	3 12	0 37 21.19	7 31 42	- 9 06				845303
98233	CINCINNATI	8940	3 12	0 40 31.2			137 06	26 00		845302
98204	JUPITER-BN	9010	3 12	0 40 43.82	9 04 00	4 00				845303
98236	TERRE HAUTE	8127	3 12	0 40 54.2			131	22 39		845303
98259	N. CANTON	8945	3 12	0 42 00.7	9 00 57	-11 44				845303
98200	JUPITER-BN	9010	3 12	0 44 13.99	10 17 30	14 32				845303
98260	ORGAN PASS-BN	9001	3 12	2 32 36.20	6 30 48	-25 42				845303
98261	ORGAN PASS-BN	9001	3 12	2 41 31.90	9 25 34	3 11				845303
98257	TERRE HAUTE	8127	3 12	2 43 30.0			100	48 30		845302
98200	CURACAO-BN	9009	3 12	2 45 33.46	9 41 42	92 00				845303
98240	N. CANTON	8946	3 12	2 46 25.4	8 34 32	4 22				845303
98242	N. CANTON	8936	3 12	2 46 26.0	8 32 00	3 40				845303
98243	N. CANTON	8936	3 12	2 46 26.0	8 35 34	4 01				845303
98238	TERRE HAUTE	8127	3 12	2 46 39.6			150	53 00		845303
98244	N. CANTON	8936	3 12	2 46 41.0	8 40 00	4 34				845303
98241	N. CANTON	8944	3 12	2 46 48.3	8 39 04	5 20				845303
98235	CINCINNATI	8980	3 12	2 46 48.6			158 18	57 48		845302
98290	WALNUT CREEK	8946	3 12	4 43 02.0	9 04 26	4 26				845303
98191	WALNUT CREEK	8946	3 12	4 43 08.3	9 04 30	4 30				845304
98291	WALNUT CREEK	8946	3 12	4 43 09.9	9 07 06	4 40				845303
98248	SACRAMENTO	8517	3 12	4 43 39.7	9 14 48	4 59				845303
98234	CINCINNATI	8980	3 12	4 44 30			254 00	28 42		845302
98246	SACRAMENTO	8517	3 12	4 45 13.9	9 34 42	9 31				845303
98192	WALNUT CREEK	8946	3 12	4 46 15.4	10 00 49	10 34				845304
98247	FT. WORTH	8139	3 12	4 46 21.24	6 35 24	20 43				845303
98246	SAN FERNANDO-BN	9004	3 12	5 14 19.90	13 35 04	-17 37				845303
98206	NAUJ-BN	9012	3 12	6 39 27.12	7 17 12	19 09				845303
98230	CINCINNATI	8980	3 12	9 11 39			163 48	32 00		845302
98204	JUPITER-BN	9010	3 12	9 11 59.24	15 20 34	18 39				845303
98207	JUPITER-BN	9010	3 12	9 12 32.67	15 35 36	12 38				845303
98400	HIGASHINATSUYAMA	8210	3 12	10 29 46.4	7 02 00	-17 42				845303
98407	MITAKA	8229	3 12	10 34 36.4			144 00	46 00		845302
98270	TEKYO-BN	9009	3 12	10 34 36.90	8 43 36	- 1 41				845303
98245	ORGAN PASS-BN	9001	3 12	11 09 57.38	14 10 24	- 1 09				845303
98240	FT. WORTH	8139	3 12	11 11 59.09	13 57 12	-19 24				845303
98292	PASAY CITY	8501	3 12	12 32 15.5			341	59 30		845302
98277	TEKYO-BN	9009	3 12	12 39 09.20	7 41 30	18 46				845303
98409	HIGASHINATSUYAMA	8210	3 12	12 39 35.4	8 00 00	19 24				845302
98312	RAINI TAL-BN	9006	3 12	14 28 55.45	0 00 48	1 32				845303
98300	NAUJ-BN	9012	3 12	15 09 31.10	13 47 48	19 14				845303
98267	SAN FERNANDO-BN	9004	3 12	20 28 11.10	9 05 24	4 22				845303
98268	SAN FERNANDO-BN	9004	3 12	22 30 21.70	7 09 48	16 01				845303
98249	ROCHESTER	8947	3 13	0 22 22.5	8 54	-10 18				845304
98250	ROCHESTER	8946	3 13	0 22 40.5	8 59 36	- 9 40				845303
98251	ROCHESTER	8947	3 13	0 22 49.5	9 02 24	- 9 18				845304
98252	ROCHESTER	8946	3 13	0 23 15.8	9 10 12	- 8 12				845303
98253	ROCHESTER	8946	3 13	0 24 29.8	9 32 48	- 5 11				845303
98701	SAN ANTONIO	8610	3 13	2 18 49.8	7 31	2 57				845302
98254	DERVER	8592	3 13	2 20 25.2			141 00	33 48		845304
98256	DERVER	8592	3 13	2 21 00.4			136 48	33 18		845304
98257	SAN ANTONIO	8994	3 13	2 22 35.1	9 23 37	16 23				845302
98201	CURACAO-BN	9009	3 13	2 22 44.57	3 00 36	43 00				845303
98258	SAN ANTONIO	8994	3 13	2 24 29.4	10 11 59	21 09				845302
98259	ROCHESTER	8946	3 13	2 27 03.5	8 39 36	4 52				845303
98304	ORGAN PASS-BN	9001	3 13	4 22 42.38	7 14 36	17 59				845303
98305	ORGAN PASS-BN	9001	3 13	4 27 23.32	9 44 30	34 55				845303

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90254	DENVER	8992	3 13	4 27 31.0			196 48	66 18		845504
10269	SAN FERNANDO-BN	9004	3 13	4 55 30.60	13 17 48	-14 49				434013
10316	MAUI-BN	9012	3 13	6 14 34.53	7 14 24	19 54				434013
10317	MAUI-BN	9012	3 13	8 24 01.94	7 31 00	59 33				434013
90261	DALLAS	0129	3 13	10 51 21.5	13 44 06	-14 09				845013
90260	DALLAS	0129	3 13	10 51 23.95	13 46 12	-14 11				845013
90490	MIYAZAKI	0230	3 13	12 16 07.5	7 39 24	21 18				845012
10318	MAUI-BN	9012	3 13	14 50 22.63	15 12 42	5 19				434013
10314	SHIRAZ-BN	9008	3 13	16 11 18.11	9 38 12	19 06				434013
10315	SHIRAZ-BN	9008	3 13	18 10 42.11	6 04 48	21 33				434013
10310	SAN FERNANDO-BN	9004	3 13	20 05 44.40	8 23 18	0 03				434013
90293	QUEZON CITY	0300	3 13	20 47 33			141	72 30		845302
10311	SAN FERNANDO-BN	9004	3 13	22 11 19.10	7 50 54	23 36				434013
10319	CURACAO-BN	9009	3 13	23 35 18.32	5 59 48	23 59				434013
90264	CHINA LAKE	0098	3 14	4 01 24.2			149 12 00	61 18 00		641303
90267	FT. WORTH	0139	3 14	4 03 11.63	6 35 48	21 03				845013
10309	ORGAN PASS-BN	9001	3 14	4 03 37.77	8 12 24	27 19				434013
10312	SAN FERNANDO-BN	9004	3 14	4 36 30.50	14 20 36	-23 32				434023
10355	MAUI-BN	9012	3 14	5 53 15.48	6 59 54	18 35				434013
10354	MAUI-BN	9012	3 14	7 58 16.00	5 22 06	37 11				434013
10321	CURACAO-BN	9009	3 14	8 35 45.77	17 04 12	37 30				434013
10322	JUPITER-BN	9010	3 14	10 32 32.58	12 16 36	-6 33				434013
90066	LAREDO-RADAR	4012	3 14	10 33 18.0			166 24 00	41 30 00	1703	895307
10323	JUPITER-BN	9010	3 14	10 35 16.39	13 33 00	-26 09				434023
10324	JUPITER-BN	9010	3 14	10 37 55.82	15 11 12	-45 39				434023
10328	SHIRAZ-BN	9008	3 14	15 49 37.70	9 12 06	17 09				434013
10329	SHIRAZ-BN	9008	3 14	17 54 38.45	8 14 24	43 56				434013
10330	CURACAO-BN	9009	3 14	23 32 25.94	5 05 42	14 06				434013
90269	EDINBURG	0064	3 15	1 36 09.6			145	67 07		845303
90273	DALLAS	0129	3 15	1 38 22.2	7 55 00	2 30				845013
90274	DALLAS	0129	3 15	1 38 29.9	7 56 30	2 43				434013
10356	JUPITER-BN	9010	3 15	1 38 28.16	5 44 30	14 15				434013
90275	DALLAS	0129	3 15	1 39 11.6	8 14 48	5 28				845013
10331	CURACAO-BN	9009	3 15	1 39 53.52	4 28 24	48 56				434013
90286	MADISON	0148	3 15	1 45 13.88	9 32 00	5 48				845012
10325	ORGAN PASS-BN	9001	3 15	3 39 32.99	6 31 42	13 59				434013
10326	ORGAN PASS-BN	9001	3 15	3 43 43.09	8 31 00	38 06				434013
90280	WICHITA	8405	3 15	3 46 30.33	8 36 55	25 55				845012
90279	FT. WORTH	0139	3 15	3 46 31.12	8 37 30	38 38				845013
90281	WICHITA	8405	3 15	3 46 36.92	8 40 47	26 13				845012
90282	WICHITA	8405	3 15	3 46 37.92	8 41 14	26 17				845012
10327	ORGAN PASS-BN	9001	3 15	3 47 51.38	10 37 06	37 07				434013
10341	JUPITER-BN	9010	3 15	3 48 41.31	6 39 48	49 10				434013
10360	SHIRAZ-BN	9008	3 15	17 34 25.31	8 42 24	46 26				434013
90801	SPETSAT	8078	3 15	19 34 15.5			294 47 24	76 34 12		834309
10358	SAN FERNANDO-BN	9004	3 15	21 31 26.70	8 46 24	38 58				434013
90080	POTSDAM	2729	3 15	21 32 06.3	7 40 48	1 30				834009
90813	FARMHAM	8048	3 15	21 32 15.4	8 40 48	3 18				638240
10368	JUPITER-BN	9010	3 16	1 17 56.28	5 46 48	16 38				434013
10369	JUPITER-BN	9010	3 16	1 19 02.31	6 13 18	21 51				434013
10370	JUPITER-BN	9010	3 16	1 21 03.38	7 10 48	30 57				434013
90287	MADISON	0148	3 16	1 22 56.05	8 52 00	2 55				845012
10345	CURACAO-BN	9009	3 16	1 23 06.91	5 44 00	60 58				434013
90298	STATE COLLEGE	8403	3 16	1 23 11.4			175 30	56 12		845302
90288	MADISON	0148	3 16	1 23 33.34	9 06 12	4 21				845012
90299	N. CANTON	8559	3 16	1 24 56.3	9 01 58	11 44				845013
90300	CHINA LAKE	0098	3 16	3 18 50.7			148 28 12	59 25 12		641303
10349	ORGAN PASS-BN	9001	3 16	3 23 41.04	8 58 18	32 43				434013
10351	ORGAN PASS-BN	9001	3 16	3 23 43.04	8 59 36	32 49				434013
10352	ORGAN PASS-BN	9001	3 16	3 23 45.04	9 00 42	32 53				434013
10353	ORGAN PASS-BN	9001	3 16	3 23 47.04	9 01 48	32 56				434013
10354	ORGAN PASS-BN	9001	3 16	3 23 49.04	9 03 06	33 02				434013
10355	ORGAN PASS-BN	9001	3 16	3 24 10.94	9 15 42	33 49				434013
10356	ORGAN PASS-BN	9001	3 16	3 24 12.94	9 16 54	33 52				434013
10357	ORGAN PASS-BN	9001	3 16	3 24 14.94	9 18 12	33 56				434013
10350	ORGAN PASS-BN	9001	3 16	3 24 16.89	9 19 18	34 00				434013
90301	WICHITA	8405	3 16	3 25 19.53	8 23 51	25 36				845013
10342	ORGAN PASS-BN	9001	3 16	3 26 00.51	10 19 10	36 15				434013
90289	MADISON	0148	3 16	3 26 59.44	8 17 24	17 33				845012
90302	MADISON	0148	3 16	3 27 49.36	8 42 18	19 30				845012
10371	JUPITER-BN	9010	3 16	3 28 49.37	7 09 48	55 00				434013
10343	ORGAN PASS-BN	9001	3 16	3 30 29.74	12 28 24	34 19				434013
10361	MAUI-BN	9012	3 16	7 19 49.19	6 36 42	55 46				434013
10344	CURACAO-BN	9009	3 16	7 56 15.17	17 34 30	16 43				434013
10372	JUPITER-BN	9010	3 16	9 55 19.58	13 54 48	-32 31				434023
10373	JUPITER-BN	9010	3 16	9 56 32.29	14 42 24	-41 12				434023
10347	CURACAO-BN	9009	3 16	9 58 58.37	13 27 24	-23 54				434023
90777	BRATISLAVA-P	5702	3 16	19 08 43.3	7 52 21	-0 40				634042
90778	BRATISLAVA-P	5702	3 16	19 10 59.4	8 45 38	4 06				634042
90802	SPETSAT	8078	3 16	19 12 38.7			304 48 00	77 35 24		834309
90779	BRATISLAVA-P	5702	3 16	19 17 47.4	11 32 53	11 28				634042
90814	FARMHAM	8048	3 16	21 11 39.8	8 40 48	4 12				638240
90303	TERRE HAUTE	8127	3 17	1 00 08.6			150	49 40		845303
10366	CURACAO-BN	9009	3 17	1 01 26.24	5 19 24	58 59				434013
90309	STATE COLLEGE	8403	3 17	1 02 29.4			165 54	56 06		845302
90310	CHINA LAKE	8588	3 17	2 57 35.3			148 04 36	58 25 12		845303
90308	DAYTON	8557	3 17	3 05 32.6			240 01	61 29		845303
90311	ST. LOUIS	0140	3 17	3 06 35.2	8 33 12	29 13				845012
90312	ST. LOUIS	0140	3 17	3 06 42.3	8 38 31	29 34				845012
90304	TERRE HAUTE	8127	3 17	3 07 27.7	8 43 36	28 46				845042
10363	ORGAN PASS-BN	9001	3 17	5 09 25.44	7 09 18	53 09				434013
10400	MAUI-BN	9012	3 17	9 05 46.83	6 10 18	62 37				434013

OBJ NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10367	CURACAO-BN	9009	3 17	9 39 14.70	13 49 54	-31 56				434023
10368	AREQUIPA-BN	9007	3 17	9 43 58.42	19 11 24	31 14				434013
10408	TOKYO-BN	9005	3 17	10 45 59.80	4 22 36	-7 05				434013
30497	NIYAZAKI	0230	3 17	10 50 40.2	6 33 00	16 36				845012
30496	YATSUSHIRO	0272	3 17	10 56 17			82 18	59 54		845302
30495	YATSUSHIRO	0272	3 17	13 01 48			0 00	71 18		845302
10366	SHIRAZ-BN	9006	3 17	10 46 59.80	5 36 48	25 29				434013
30700	BRATISLAVA-P	5702	3 17	10 44 37.2	6 38 32	-7 31				634042
32057	RODENWICH	2733	3 17	10 43 22.0	7 16 00	-8 06				834009
30701	BRATISLAVA-P	5702	3 17	10 43 39.9	6 57 47	-8 16				634042
30702	BRATISLAVA-P	5702	3 17	10 47 58.4	7 48 12	0 13				634042
30703	BRATISLAVA-P	5702	3 17	10 50 54.5	8 58 48	5 58				634042
30704	BRATISLAVA-P	5702	3 17	10 52 44.7	9 46 09	8 31				634042
10369	SHIRAZ-BN	9008	3 17	10 56 30.54	6 46 54	50 06				434013
32058	RODENWICH	2733	3 17	20 49 59.0	7 14 48	4 00				834009
30815	FARMHAM	8048	3 17	20 51 06.6	8 42 00	5 06				638240
30075	BAUTZEN	8144	3 17	20 51 26.7	7 37 54	5 12				834009
30705	BRATISLAVA-P	5702	3 17	20 53 38.1	9 03 55	15 26				634042
32059	RODENWICH	2733	3 17	20 56 16.0	9 51 24	11 48				834009
30706	BRATISLAVA-P	5702	3 17	20 56 38.6	9 33 48	16 13				634042
30707	BRATISLAVA-P	5702	3 17	20 57 27.4	9 59 54	16 39				634042
30379	N. CANTON	8536	3 18	0 37 52.6	6 42	-2 51				641013
30380	N. CANTON	8536	3 18	0 38 05.0	6 47	-2 12				641012
30381	N. CANTON	8536	3 18	0 38 07.6	6 48	-2 05				641013
30303	AKRON-P	3099	3 18	0 38 08.0	6 48 00	-2 06				637019
30314	N. CANTON	8535	3 18	0 40 49.1	7 51 28	5 57				645013
30315	STATE COLLEGE	8603	3 18	0 41 21.6			163 24	56 00		845302
30316	ROCHESTER	8564	3 18	0 41 56.6	7 53 12	5 31				645013
30317	ROCHESTER	8564	3 18	0 42 51.6	8 16 06	7 56				845013
30318	ROCHESTER	8564	3 18	0 44 25.4	8 54 24	11 31				845013
30702	SAN ANTONIO	8610	3 18	2 42 29.0	7 57 30	43 34				845012
30401	PUEBLA	0900	3 18	2 42 41.5	8 05 54	63 59				845013
30703	SAN ANTONIO	8610	3 18	2 43 41.2	8 46 54	46 21				845012
30397	HADISON	0148	3 18	2 44 17.52	7 42 18	16 19				845012
30398	HADISON	0148	3 18	2 48 56.51	8 30 42	20 07				845012
30321	TERRE HAUTE	8127	3 18	2 46 37.9	8 43 42	29 26				845042
30348	BETHPAGE-P	5075	3 18	2 49 56.1	8 40 18	31 12				637047
30342	BETHPAGE-P	5075	3 18	2 50 29.1	9 00 24	32 12				637047
30322	SAN JOSE	8575	3 18	4 42 18.7	7 50 53	28 22				845002
30323	SAN JOSE	8575	3 18	4 42 34.3	8 00 56	29 00				845002
30365	SACRAMENTO	8517	3 18	4 43 01.3			180 00	78 56		641304
30325	CHINA LAKE	8568	3 18	4 44 30.4			344 59 24	87 19 12		845303
10402	HAUI-BN	9012	3 18	6 37 49.05	6 32 06	57 10				434013
10403	HAUI-BN	9012	3 18	8 47 14.52	7 58 00	72 58				434013
10396	CURACAO-BN	9009	3 18	9 18 38.56	13 43 06	-50 24				434023
10382	AREQUIPA-BN	9007	3 18	9 21 19.00	16 52 12	48 19				434013
10383	AREQUIPA-BN	9007	3 18	9 26 18.43	20 57 48	1 28				434013
30771	NIYAZAKI	0230	3 18	10 29 03.1	6 09 18	14 00				845012
30772	HIGASHINATSUYAMA	0210	3 18	10 34 13.6	7 31 48	23 36				845013
10387	TOKYO-BN	9005	3 18	12 43 07.50	9 12 54	46 53				434013
30773	HIGASHINATSUYAMA	0210	3 18	12 43 36.7	9 39 30	46 30				845013
30708	BRATISLAVA-P	5702	3 18	10 22 06.3	6 08 00	-11 00				634042
30709	BRATISLAVA-P	5702	3 18	10 23 42.1	6 29 57	-7 21				634042
30790	BRATISLAVA-P	5702	3 18	10 25 09.9	7 08 03	-4 02				634042
30791	BRATISLAVA-P	5702	3 18	10 26 29.2	7 28 36	-8 58				634042
30792	BRATISLAVA-P	5702	3 18	10 27 59.1	8 08 13	2 19				634042
30793	BRATISLAVA-P	5702	3 18	10 29 35.3	8 39 39	4 45				634042
30803	SPETSAL	8078	3 18	10 30 23.0			299 13 48	75 07 48		834309
30794	BRATISLAVA-P	5702	3 18	10 31 22.4	9 25 53	8 24				634042
30804	SPETSAL	8078	3 18	10 32 24.9			272 48 36	63 21 36		834309
30795	BRATISLAVA-P	5702	3 18	10 32 39.2	10 01 00	10 06				634042
30796	BRATISLAVA-P	5702	3 18	10 36 20.1	11 22 33	11 46				634042
30797	BRATISLAVA-P	5702	3 18	10 38 34.1	12 02 56	11 17				634042
30407	TOUNSVILLE	8578	3 18	19 16 54.8			30 08	38 10		845502
30408	TOUNSVILLE	8578	3 18	19 16 55.8			30 20	37 54		845502
30409	TOUNSVILLE	8578	3 18	19 16 56.0			31 15	37 41		845502
10386	SAN FERNANDO-BN	9004	3 18	20 27 05.50	7 42 36	27 42				434013
30798	BRATISLAVA-P	5702	3 18	20 33 37.0	8 54 41	15 42				634042
30799	BRATISLAVA-P	5702	3 18	20 34 55.6	9 33 49	16 42				634042
30800	BRATISLAVA-P	5702	3 18	20 36 56.8	10 56 25	14 58				634042
30151	HEUDON	2715	3 18	20 37 15.7			118 22	38 52		637109
30152	HEUDON	2715	3 18	20 37 35.4			116 38	37 41		637109
30153	HEUDON	2715	3 18	20 37 50.7			115 10	36 52		637109
30816	FARMHAM	8048	3 18	22 35 08.4	8 55 24	11 12				638240
10393	CURACAO-BN	9009	3 19	0 18 58.31	4 54 30	58 57				434013
10394	CURACAO-BN	9009	3 19	0 28 08.29	12 13 00	65 03				434013
30368	PORT WORTH	0139	3 19	2 21 11.47	7 29 84	35 00				845013
30410	PUEBLA	0900	3 19	2 21 21.9	7 49 24	63 27				845013
30411	PUEBLA	0900	3 19	2 21 40.6	8 05 48	63 54				845013
10395	CURACAO-BN	9009	3 19	2 29 16.59	5 58 08	74 58				434013
30149	MENLO PARK	3009	3 19	4 21 40.0	8 03 00	29 24				637047
10374	ORGAN PASS-BN	9001	3 19	4 21 40.00	5 38 12	34 03				434013
30364	SACRAMENTO	8517	3 19	4 21 40.9			180 00	78 08		641304
30367	WALNUT CREEK	8594	3 19	4 26 19.2	10 38 15	33 24				845014
30368	PORT WORTH	0139	3 19	4 26 33.50	6 44 42	44 51				845013
10378	ORGAN PASS-BN	9001	3 19	4 27 53.29	9 27 54	53 25				434013
10401	HAUI-BN	9012	3 19	6 15 28.48	5 38 48	52 22				434013
30805	SPETSAL	8078	3 19	18 09 24.1			293 48 00	73 01 12		834309
30150	HEUDON	2715	3 19	20 15 06.6			123 25	42 12		637109
30146	RODENWICH	2733	3 19	20 15 47.8	10 15 42	12 24				834009
30817	FARMHAM	8048	3 19	22 14 24.4	8 53 48	11 56				638240
10381	SAN FERNANDO-BN	9004	3 19	22 14 41.30	9 18 48	45 37				434013
10392	CURACAO-BN	9009	3 19	23 57 56.89	4 46 30	59 44				434013
30369	ROCHESTER	8564	3 20	0 00 12.4	7 42 54	6 15				845013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30371	ROCHESTER	8564	3 20	0 02 52.0	8 50 48	12 18				845013
30300	PUEBLA	0900	3 20	2 00 20.1	7 49 36	63 24				845013
30501	PUEBLA	0900	3 20	2 00 38.4	8 05 42	63 49				845013
10397	JUPITER-BN	9010	3 20	2 02 49.74	5 44 48	49 41				434013
10398	JUPITER-BN	9010	3 20	2 05 22.17	7 25 06	59 19				434013
30372	CLEVELAND	8607	3 20	2 05 49.9	8 24	27 18				845041
10390	CURACAO-BN	9009	3 20	2 07 18.88	5 19 54	72 16				434013
10399	JUPITER-BN	9010	3 20	2 09 19.61	11 04 54	60 28				845013
30375	N. CANTON	8559	3 20	2 12 17.8	11 51 00	27 42				434013
10391	CURACAO-BN	9009	3 20	2 12 37.88	12 43 48	77 46				434013
10377	ORGAN PASS-BN	9001	3 20	3 59 51.27	5 11 54	31 33				434013
10378	ORGAN PASS-BN	9001	3 20	4 05 19.05	8 04 54	51 07				845012
30399	MADISON	0148	3 20	4 05 28.09	6 37 54	20 55				845012
30400	MADISON	0148	3 20	4 06 20.26	6 37 30	22 45				845012
30428	QUEZON CITY	0500	3 20	11 48 29			122 30	31 54		845002
10424	SHIRAZ-BN	9008	3 20	17 56 05.91	8 31 24	60 06				434013
30431	TOWNSVILLE	8578	3 20	18 35 45.0			29 54	38 07		845002
30432	TOWNSVILLE	8578	3 20	18 35 49.4			31 18	38 12		845002
10419	CURACAO-BN	9009	3 20	23 35 33.10	3 59 30	54 40				434013
10409	JUPITER-BN	9010	3 21	1 42 05.76	5 48 00	51 48				434013
10410	JUPITER-BN	9010	3 21	1 43 03.37	6 24 12	55 40				434013
30433	N. CANTON	8536	3 21	1 44 32.2	8 01 51	20 08				641013
30384	N. CANTON	8536	3 21	1 44 47.6	8 14 30	26 21				641032
30541	AKRON-P	5099	3 21	1 44 51.9	8 13 12	28 42				637017
30499	N. CANTON	8536	3 21	1 44 52.2	8 13 15	20 40				641013
30385	N. CANTON	8559	3 21	1 45 02.2	8 17 13	29 15				845013
10411	JUPITER-BN	9010	3 21	1 45 26.73	8 24 42	61 43				434013
30392	ROCHESTER	8564	3 21	1 45 52.8	8 16 00	25 10				845013
30434	N. CANTON	8536	3 21	1 45 57.2	8 31 40	30 10				641013
30390	ROCHESTER	8564	3 21	1 46 04.8	8 22 48	25 28				845013
30386	N. CANTON	8565	3 21	1 46 10.5	8 38 50	30 10				845013
30435	N. CANTON	8536	3 21	1 46 12.2	9 00 36	30 25				641013
10416	OLIFANTSPTNH-BN	9002	3 21	2 28 46.72	17 05 30	41 25				434013
10417	OLIFANTSPTNH-BN	9002	3 21	2 32 38.51	20 14 48	11 45				434013
30436	SACRAMENTO	8517	3 21	3 38 56.2			180 00	76 35		641304
30415	WALNUT CREEK	8586	3 21	3 39 32.3	7 41 36	28 24				845013
10407	ORGAN PASS-BN	9001	3 21	3 44 09.90	7 59 36	51 13				434013
30437	SACRAMENTO	8517	3 21	3 45 35.7	10 53 48	30 28				641013
10433	MAUI-BN	9012	3 21	5 33 17.77	5 23 12	53 19				434013
30417	WALNUT CREEK	8586	3 21	5 47 58.7	9 26 21	41 53				845013
30439	SACRAMENTO	8517	3 21	5 48 06.6			0 00	88 34		641304
30418	WALNUT CREEK	8586	3 21	5 48 22.1	9 42 54	42 02				845013
30416	WALNUT CREEK	8594	3 21	5 48 23.4	9 42 30	41 54				845014
10408	ORGAN PASS-BN	9001	3 21	5 50 02.25	7 53 48	49 21				434013
10434	MAUI-BN	9012	3 21	7 42 59.92	6 52 00	78 54				434013
10418	AREQUIPA-BN	9007	3 21	8 21 31.62	17 53 54	38 52				434013
10425	SHIRAZ-BN	9008	3 21	15 23 23.37	5 13 36	29 20				434013
30441	TOWNSVILLE	8578	3 21	18 15 11.1			31 04	38 27		845002
30443	TOWNSVILLE	8578	3 21	18 15 11.5			31 12	38 52		845002
90082	NEUDON	2715	3 21	19 21 24.1			212 33	33 30		637109
90083	NEUDON	2715	3 21	19 22 58.0			204 53	39 15		637109
90084	NEUDON	2715	3 21	19 23 12.4			203 30	40 04		637109
90085	NEUDON	2715	3 21	19 23 39.5			200 49	41 37		637109
90086	NEUDON	2715	3 21	19 24 11.8			197 05	43 24		637109
90087	NEUDON	2715	3 21	19 24 45.3			193 04	45 08		637109
90088	NEUDON	2715	3 21	19 25 01.1			191 03	45 53		637109
90089	NEUDON	2715	3 21	19 25 19.0			189 09	46 30		637109
90090	NEUDON	2715	3 21	19 25 31.3			186 54	47 03		637109
90091	NEUDON	2715	3 21	19 25 44.2			184 15	47 54		637109
90092	NEUDON	2715	3 21	19 26 03.5			182 07	48 26		637109
90093	NEUDON	2715	3 21	19 26 17.5			179 57	48 52		637109
90094	NEUDON	2715	3 21	19 26 31.8			177 45	49 17		637109
90096	NEUDON	2715	3 21	19 27 53.0			164 07	50 38		637109
90120	NEUDON	2715	3 21	19 30 36.7			157 30	47 37		637109
90121	NEUDON	2715	3 21	19 31 39.7			129 57	45 03		637109
90122	NEUDON	2715	3 21	19 32 15.9			125 00	42 59		637109
90123	NEUDON	2715	3 21	19 32 57.8			120 59	40 41		637109
10423	WOODHRA-BN	9003	3 21	20 19 58.98	18 42 18	14 22				434013
90018	FARNHAM	8048	3 21	21 33 06.0	8 55 24	12 24				638240
10427	JUPITER-BN	9010	3 22	1 18 47.37	4 34 42	42 26				434013
10428	JUPITER-BN	9010	3 22	1 22 29.79	6 42 30	57 54				434013
10429	JUPITER-BN	9010	3 22	1 25 47.32	9 42 48	61 29				434013
10439	CURACAO-BN	9009	3 22	1 26 50.64	6 50 06	79 05				434013
10435	ORGAN PASS-BN	9001	3 22	3 14 05.60	3 45 12	18 28				434013
30445	SACRAMENTO	8517	3 22	3 17 36.7			180 00	75 46		641304
30392	WALNUT CREEK	8594	3 22	3 18 01.8	7 17 15	27 12				845014
30393	WALNUT CREEK	8594	3 22	3 18 41.1	7 40 15	28 42				845014
10430	JUPITER-BN	9010	3 22	3 24 14.71	4 51 42	41 47				434013
30446	SACRAMENTO	8517	3 22	3 24 28.0	10 41 18	30 14				641013
10431	JUPITER-BN	9010	3 22	3 26 10.18	5 26 00	48 19				434013
30704	SAN ANTONIO	8610	3 22	3 26 38.7	9 06 12	60 48				845013
30420	SAN ANTONIO	0096	3 22	3 26 49.9	9 13 44	60 37				845012
10436	ORGAN PASS-BN	9001	3 22	3 27 46.96	11 23 12	47 29				434013
10432	JUPITER-BN	9010	3 22	3 28 07.39	6 15 54	55 10				434013
10437	ORGAN PASS-BN	9001	3 22	5 25 34.57	6 02 42	40 57				434013
30447	SACRAMENTO	8517	3 22	5 26 47.2			0 00	88 32		641304
10438	ORGAN PASS-BN	9001	3 22	5 31 22.95	9 39 36	52 08				434013
30448	SACRAMENTO	8517	3 22	5 31 31.0	12 05 42	31 48				641013
10443	MAUI-BN	9012	3 22	7 21 51.54	6 48 06	71 18				434013
30449	QUEZON CITY	0500	3 22	11 06 35			326 30	33		845002
30774	MIYAZAKI	0230	3 22	11 21 29.2	11 55 54	44 00				845012
90658	TCHITA	1064	3 22	13 20 47.2	10 06 00	10 72				845009
90638	FRUNZE	1058	3 22	15 18 00.0	10 53 00	29 42				845009
90640	EREVAN	1018	3 22	17 10 15.8	7 32 00	31 00				845009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGF	INDEX
50684	KAZAN	1020	3 22	17 14 35.5	9 09 48	5 42				843009
50643	EREVAN	1018	3 22	17 15 08.5	10 28 42	32 36				843009
50303	BESANCON	2727	3 22	19 06 28.09			178 42	55 14		834309
50304	BESANCON	2727	3 22	19 06 59.07			172 31	55 56		834309
50305	BESANCON	2727	3 22	19 07 20.69			168 07	56 13		834309
50306	BESANCON	2727	3 22	19 07 42.88			163 27	56 19		834309
50307	BESANCON	2727	3 22	19 08 08.97			158 07	56 09		834309
50308	BESANCON	2727	3 22	19 08 29.28			154 00	55 54		834309
50309	BESANCON	2727	3 22	19 08 48.04			150 17	55 29		834309
50310	BESANCON	2727	3 22	19 09 07.58			146 33	54 58		834309
50311	BESANCON	2727	3 22	19 09 25.84			143 12	54 22		834309
50312	BESANCON	2727	3 22	19 09 49.43			139 03	53 25		834309
50313	BESANCON	2727	3 22	19 10 12.63			138 15	52 24		834309
50314	BESANCON	2727	3 22	19 10 35.62			131 45	51 14		834309
50315	BESANCON	2727	3 22	19 10 56.49			128 47	50 06		834309
50321	BESANCON	2727	3 22	19 13 52.76			110 48	38 57		834309
50322	BESANCON	2727	3 22	19 14 18.36			109 00	37 17		834309
50323	BESANCON	2727	3 22	19 14 40.28			107 35	35 50		834309
50324	BESANCON	2727	3 22	19 15 47.66			105 49	31 50		834309
50325	BESANCON	2727	3 22	19 16 25.53			102 04	29 13		834309
50129	NEUDON	2715	3 22	21 12 03.3			203 45	55 40		637109
50130	NEUDON	2715	3 22	21 12 43.66			199 27	56 25		637109
50131	NEUDON	2715	3 22	21 13 28.9			195 47	56 52		637109
50133	NEUDON	2715	3 22	21 13 48.0			186 15	57 32		637109
50134	NEUDON	2715	3 22	21 14 19.3			182 02	57 31		637109
50136	NEUDON	2715	3 22	21 14 39.3			175 24	57 09		637109
50137	NEUDON	2715	3 22	21 14 51.9			172 01	56 54		637109
50138	NEUDON	2715	3 22	23 11 12.66			168 32	56 26		637109
50139	NEUDON	2715	3 22	23 11 49.4			259 39	23 49		637109
50139	NEUDON	2715	3 22	23 13 03.66			257 43	25 38		637109
50139	NEUDON	2715	3 22	23 13 51.6			253 21	29 17		637109
50139	NEUDON	2715	3 22	23 14 20.5			250 02	31 39		637109
50139	NEUDON	2715	3 22	23 14 49.8			247 51	33 01		637109
50160	NEUDON	2715	3 22	23 15 21.0			245 28	34 28		637109
50161	NEUDON	2715	3 22	23 15 47.4			242 41	35 52		637109
50162	NEUDON	2715	3 22	23 16 17.1			240 09	37 06		637109
10440	OLIFANTSPTHN-BH	9002	3 23	1 48 18.30	17 14 00	38 25				434013
10441	OLIFANTSPTHN-BH	9002	3 23	1 48 34.60	17 26 42	33 45				434013
10442	OLIFANTSPTHN-BH	9002	3 23	1 51 29.50	19 34 34	11 53				434013
10444	OREAN PASS-BH	9001	3 23	2 52 49.64	3 27 34	17 42				434013
30452	VAN NUTS	0115	3 23	2 57 34.0	7 00 24	38 08				845013
30453	ALANOSORDO	0102	3 23	3 00 15			315	69 24		845013
30455	EDINBURG	0066	3 23	3 04 30.3			355	50 50		845013
30456	DALLAS	0129	3 23	3 05 11.6	8 18 40	53 27				845013
30458	FT. WORTH	0139	3 23	3 05 12.93	8 27 36	53 48				845013
30458	EDINBURG	0066	3 23	3 05 27.6			5	50 20		845013
30423	DENVER	0592	3 23	3 06 18.6			92 30	62 42		845013
30457	EDINBURG	0066	3 23	3 06 31.9			15	49 10		845013
10449	JUPITER-BH	9010	3 23	3 07 32.21	6 24 34	57 38				434013
10450	JUPITER-BH	9010	3 23	3 09 32.73	7 36 48	62 54				434013
10449	OREAN PASS-BH	9001	3 23	3 12 08.17	13 12 12	31 11				434013
10451	JUPITER-BH	9010	3 23	3 12 48.97	11 13 00	61 15				434013
10446	OREAN PASS-BH	9001	3 23	3 08 36.59	4 40 42	38 37				434013
10447	OREAN PASS-BH	9001	3 23	3 11 46.14	10 46 24	49 46				434013
10448	AREQUIPA-BH	9007	3 23	3 45 20.57	14 42 24	-37 38				434013
10467	TOKYO-BH	9005	3 23	10 36 20.10	7 39 12	48 08				434013
30775	MUSASHINO	0233	3 23	10 57 11.1			0 00	80 00		845013
30776	HIGASHINATSUYAMA	0210	3 23	10 57 42.2	9 21 12	45 24				845013
30618	YCHITA	1064	3 23	12 59 00.3	9 37 00	10 34				845013
10468	TOKYO-BH	9005	3 23	13 02 50.10	8 13 34	41 42				434013
30777	YATSUMIRO	0272	3 23	13 03 06			10 00	70 00		845013
30778	HIGASHINATSUYAMA	0210	3 23	13 04 38.1	9 29 18	39 34				845013
10455	SHIRAZ-BH	9008	3 23	16 55 06.84	10 26 00	57 43				434013
30560	TOMNSVILLE	0578	3 23	17 36 00.9			69 36	33 18		845013
30561	TOMNSVILLE	0578	3 23	17 36 02.3			69 50	33 22		845013
30673	OBESA	1036	3 23	18 53 19.6	8 41 24	21 18				845013
10456	SHIRAZ-BH	9008	3 23	18 58 13.40	7 44 48	52 26				434013
10454	USHERA-BH	9003	3 23	19 39 09.17	18 30 18	11 08				434013
30163	NEUDON	2715	3 23	20 44 59.9			241 35	34 28		637109
30164	NEUDON	2715	3 23	20 45 31.4			239 44	36 38		637109
30165	NEUDON	2715	3 23	20 45 51.6			238 29	37 59		637109
30166	NEUDON	2715	3 23	20 46 07.9			237 17	39 05		637109
30167	NEUDON	2715	3 23	20 46 22.2			236 18	40 05		637109
30168	NEUDON	2715	3 23	20 46 37.7			235 05	41 09		637109
30169	NEUDON	2715	3 23	20 46 50.2			234 04	42 01		637109
30170	NEUDON	2715	3 23	20 47 05.9			232 42	43 05		637109
30171	NEUDON	2715	3 23	20 47 23.5			231 06	44 18		637109
30172	NEUDON	2715	3 23	20 47 38.3			229 45	45 13		637109
30173	NEUDON	2715	3 23	20 47 51.6			228 20	46 11		637109
30174	NEUDON	2715	3 23	20 48 07.4			226 38	47 14		637109
30175	NEUDON	2715	3 23	20 48 22.5			224 59	48 13		637109
30176	NEUDON	2715	3 23	20 48 42.5			222 29	49 20		637109
30177	NEUDON	2715	3 23	20 49 02.1			219 54	50 41		637109
30326	BESANCON	2727	3 23	20 49 16.78			233 32	49 41		834309
30179	NEUDON	2715	3 23	20 49 32.6			215 33	52 24		637109
30180	NEUDON	2715	3 23	20 49 48.0			213 07	53 15		637109
30330	BESANCON	2727	3 23	20 49 59.99			228 27	52 44		834309
30331	BESANCON	2727	3 23	20 50 22.81			225 14	54 18		834309
30332	BESANCON	2727	3 23	20 50 47.53			221 28	55 53		834309
30183	NEUDON	2715	3 23	20 50 53.8			201 28	56 06		637109
30333	BESANCON	2727	3 23	20 51 11.73			217 18	57 19		834309
30819	FARMHAM	0048	3 23	20 51 12.4	8 42 34	12 30				638240
30184	NEUDON	2715	3 23	20 51 18.1			196 43	56 50		637109
30334	BESANCON	2727	3 23	20 51 30.03			213 54	58 19		834309

1961 DELTA 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
50185	NEUDON	2715	3 23	20 51 37.5			192 41	57 16		637109
50335	BESANCON	2727	3 23	20 52 13.52			204 52	60 13		634309
50336	BESANCON	2727	3 23	20 53 02.74			193 15	61 33		634309
50337	BESANCON	2727	3 23	20 53 22.70			188 16	61 45		634309
50192	NEUDON	2715	3 23	20 53 23.6			170 06	56 56		637109
50339	BESANCON	2727	3 23	20 54 22.31			173 26	61 10		634309
50340	BESANCON	2727	3 23	20 54 40.40			169 10	60 38		634309
50197	NEUDON	2715	3 23	20 55 02.4			151 49	52 59		637109
50341	BESANCON	2727	3 23	20 55 04.30			163 45	59 44		634309
50342	BESANCON	2727	3 23	20 55 28.53			158 39	58 37		634309
50199	NEUDON	2715	3 23	20 55 32.3			147 16	51 17		637109
50200	NEUDON	2715	3 23	20 55 47.4			145 09	50 23		637109
50343	BESANCON	2727	3 23	20 55 48.32			154 52	57 34		634309
50344	BESANCON	2727	3 23	20 56 12.06			150 38	56 09		634309
50345	BESANCON	2727	3 23	20 56 31.93			147 22	54 51		634309
50204	NEUDON	2715	3 23	20 56 41.1			138 31	46 54		637109
50205	NEUDON	2715	3 23	20 56 55.5			136 56	45 54		637109
50206	NEUDON	2715	3 23	20 57 09.2			135 33	44 57		637109
50207	NEUDON	2715	3 23	20 57 22.5			134 11	44 03		637109
50208	NEUDON	2715	3 23	20 57 39.0			132 41	42 51		637109
50209	NEUDON	2715	3 23	20 57 57.6			131 02	41 34		637109
50210	NEUDON	2715	3 23	20 58 11.7			129 54	40 33		637109
50211	NEUDON	2715	3 23	20 58 26.0			128 46	39 34		637109
50212	NEUDON	2715	3 23	22 54 19.8			241 04	37 09		637109
50213	NEUDON	2715	3 23	22 54 51.8			237 56	38 36		637109
50214	NEUDON	2715	3 23	22 55 23.0			234 32	39 53		637109
50215	NEUDON	2715	3 23	22 55 45.4			231 58	40 49		637109
50216	NEUDON	2715	3 23	22 56 05.7			229 31	41 31		637109
50217	NEUDON	2715	3 23	22 56 24.0			227 14	42 08		637109
50218	NEUDON	2715	3 23	22 56 48.2			224 03	42 51		637109
50460	W. PALM BEACH	0016	3 24	0 39 05			334 12	55 48		645303
10457	JUPITER-BN	9010	3 24	0 46 11.59	11 17 12	53 48				434013
10452	ORGAN PASS-BN	9001	3 24	2 29 05.39	2 37 24	8 30				434013
50467	DALLAS	0129	3 24	2 41 13.08	6 02 58	47 10				645013
50705	SAN ANTONIO	8610	3 24	2 43 36.4	8 10 42	60 12				645012
50706	SAN ANTONIO	8610	3 24	2 43 43.4	8 19 30	60 16				645012
10458	JUPITER-BN	9010	3 24	2 44 57.55	5 28 00	53 21				434013
10453	ORGAN PASS-BN	9001	3 24	2 46 34.16	11 31 30	43 22				434013
10459	JUPITER-BN	9010	3 24	2 48 05.00	7 34 00	62 42				434013
50470	FT. WORTH	0139	3 24	4 49 22.93	7 52 51	46 33				646013
50779	SEDAI	0244	3 24	10 36 07.7			359 42	89 42		645302
10469	TOKYO-BN	9005	3 24	10 37 08.70	8 58 48	46 14				434013
10478	SHIRAZ-BN	9008	3 24	14 28 38.26	5 42 12	53 32				434013
10479	SHIRAZ-BN	9008	3 24	18 40 02.07	9 57 18	53 17				434013
10474	MOONERA-BN	9003	3 24	19 18 35.42	18 14 54	10 33				434013
50228	NEUDON	2715	3 24	20 22 22.8			245 06	28 57		637109
50229	NEUDON	2715	3 24	20 22 48.7			243 55	30 38		637109
50231	NEUDON	2715	3 24	20 23 24.5			242 07	33 02		637109
50232	NEUDON	2715	3 24	20 23 51.9			240 55	34 54		637109
50234	NEUDON	2715	3 24	20 24 40.4			237 30	38 15		637109
50236	NEUDON	2715	3 24	20 25 16.3			234 54	40 45		637109
50237	NEUDON	2715	3 24	20 25 33.9			233 25	41 58		637109
50238	NEUDON	2715	3 24	20 25 48.7			232 08	43 00		637109
50241	NEUDON	2715	3 24	20 26 36.4			227 30	46 18		637109
50242	NEUDON	2715	3 24	20 26 54.3			225 33	47 30		637109
50247	NEUDON	2715	3 24	20 28 21.6			213 50	52 50		637109
50249	NEUDON	2715	3 24	20 28 56.7			208 00	54 36		637109
50253	NEUDON	2715	3 24	20 30 04.3			195 03	57 01		637109
50416	BESANCON	2727	3 24	20 31 01.13			202 42	60 37		634309
50417	BESANCON	2727	3 24	20 31 34.59			194 47	61 33		634309
50418	BESANCON	2727	3 24	20 32 03.80			187 32	61 51		634309
50419	BESANCON	2727	3 24	20 32 38.42			178 46	61 47		634309
50263	NEUDON	2715	3 24	20 32 42.9			161 52	55 54		637109
50421	BESANCON	2727	3 24	20 33 41.64			163 50	60 06		634309
50269	NEUDON	2715	3 24	20 34 13.5			144 44	51 27		637109
50422	BESANCON	2727	3 24	20 34 19.97			155 56	58 21		634309
50423	BESANCON	2727	3 24	20 34 42.63			151 43	57 03		634309
50273	NEUDON	2715	3 24	20 35 13.6			139 00	47 42		637109
50424	BESANCON	2727	3 24	20 35 20.83			145 25	54 37		634309
50425	BESANCON	2727	3 24	20 35 53.81			140 50	52 19		634309
50426	BESANCON	2727	3 24	20 36 18.51			137 49	50 31		634309
50428	BESANCON	2727	3 24	20 37 17.79			131 39	46 00		634309
50429	BESANCON	2727	3 24	20 37 41.79			129 35	44 11		634309
50430	BESANCON	2727	3 24	20 38 22.07			126 37	41 09		634309
10460	ORGAN PASS-BN	9001	3 25	2 18 57.83	6 59 12	50 12				434013
50707	SAN ANTONIO	8610	3 25	2 22 27.2	8 06 42	60 18				645012
50708	SAN ANTONIO	8610	3 25	2 22 40.1	8 19 30	60 16				645012
10461	ORGAN PASS-BN	9001	3 25	2 24 56.96	11 07 00	44 04				434013
50597	PUEBLA	0900	3 25	2 25 45.8	11 39 42	68 00				645013
50896	MADISON	0148	3 25	2 25 54.27	8 51 24	29 21				645012
10462	ORGAN PASS-BN	9001	3 25	4 22 51.68	5 45 30	44 40				434013
10463	ORGAN PASS-BN	9001	3 25	4 27 26.72	8 51 54	52 31				434013
50897	MADISON	0148	3 25	4 31 05.21	8 57 12	20 04				645012
10487	MAUI-BN	9012	3 25	8 28 34.09	10 21 12	67 41				434013
10470	TOKYO-BN	9005	3 25	10 14 20.70	7 36 24	45 39				434013
50781	MUSASHINO	0233	3 25	10 14 23			0 00	80 30		645302
50780	MITAKA	0229	3 25	10 15 15.0			33 42	77 18		645302
50782	MITAKA	0229	3 25	12 22 57.0			339 12	84 36		645302
10515	TOKYO-BN	9005	3 25	12 23 27.50	9 56 42	40 18				434013
10476	SHIRAZ-BN	9008	3 25	16 05 02.74	4 10 30	43 52				434013
50583	STALINABAD	1047	3 25	16 22 23.7	12 28 00	21 24				645009
50592	EREVAN	1018	3 25	18 14 10.0	8 17 00	33 42				645009
50595	EREVAN	1018	3 25	18 15 00.2	8 47 36	33 30				645009
10477	SHIRAZ-BN	9008	3 25	18 19 37.41	10 25 48	51 35				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30542	TOUNSVILLE	8578	3 25	18 58 19.6			210 12	48 38		845502
30543	TOUNSVILLE	8578	3 25	18 58 20.1			210 10	48 30		845502
30544	TOUNSVILLE	8578	3 25	18 58 21.3			209 18	48 27		845502
30520	NEUDON	2715	3 25	20 04 55.3			229 23	44 31		837109
30521	NEUDON	2715	3 25	20 05 22.2			226 31	46 22		837109
30522	NEUDON	2715	3 25	20 05 41.0			224 24	47 37		837109
10445	SAN FERNANDO-BN	9004	3 25	20 06 36.70	7 33 00	44 35				434013
30527	NEUDON	2715	3 25	20 07 15.9			211 06	53 27		837109
30520	FARMHAM	8048	3 25	20 10 10.6	8 55 24	12 18				838240
30550	BESANCON	2727	3 25	20 11 25.47			176 56	61 50		834309
30551	BESANCON	2727	3 25	20 11 47.30			171 07	61 21		834309
30552	BESANCON	2727	3 25	20 12 05.06			166 44	60 49		834309
30553	BESANCON	2727	3 25	20 12 27.63			161 52	60 00		834309
30554	BESANCON	2727	3 25	20 12 48.98			157 22	59 00		834309
30556	BESANCON	2727	3 25	20 13 30.65			149 39	56 42		834309
30557	BESANCON	2727	3 25	20 13 52.25			145 58	55 20		834309
30558	BESANCON	2727	3 25	20 14 20.95			141 54	53 25		834309
30559	BESANCON	2727	3 25	20 14 40.17			139 23	52 04		834309
30560	BESANCON	2727	3 25	20 15 06.79			136 13	50 08		834309
30561	BESANCON	2727	3 25	20 15 27.14			134 02	48 37		834309
30562	BESANCON	2727	3 25	20 15 55.05			131 15	46 29		834309
30563	BESANCON	2727	3 25	20 16 17.99			129 19	44 47		834309
30564	BESANCON	2727	3 25	20 17 05.96			125 51	41 13		834309
30565	BESANCON	2727	3 25	20 17 37.29			123 39	38 54		834309
30566	BESANCON	2727	3 25	20 18 02.22			122 19	37 04		834309
30567	BESANCON	2727	3 25	20 18 36.31			120 34	34 41		834309
10446	SAN FERNANDO-BN	9004	3 25	22 16 10.90	10 13 54	34 38				434013
30507	ROCHESTER	8564	3 26	0 00 29.6	7 35 18	24 35				848013
10482	JUPITER-BN	9010	3 26	2 02 30.55	5 00 18	54 16				434013
30517	ST. LOUIS	0140	3 26	2 03 21.1	7 58 10	40 03				845012
30525	N. CANTON	8589	3 26	2 05 40.0	8 05 20	35 36				845013
30526	N. CANTON	8584	3 26	2 06 36.9	8 44 00	35 12				641012
30508	ROCHESTER	8564	3 26	2 06 45.0	8 18 06	27 28				845013
30526	N. CANTON	8544	3 26	2 06 46.1	8 48	35 30				845012
10483	JUPITER-BN	9010	3 26	2 07 45.59	9 24 06	63 39				434013
30546	ALBION-P	8599	3 26	2 08 02.0	9 35 00	31 30				837017
30509	ROCHESTER	8564	3 26	2 08 19.6	9 11 42	26 16				845013
30510	ROCHESTER	8580	3 26	2 08 22.4	9 14 18	26 19				845013
30532	N. CANTON	8565	3 26	2 08 43.3	9 38 40	30 05				845013
30527	N. CANTON	8599	3 26	2 11 53.1	11 30 13	22 30				845013
10484	JUPITER-BN	9010	3 26	2 12 39.73	12 40 42	46 24				434013
30595	WALNUT CREEK	8586	3 26	4 03 32.2	9 33 12	40 06				845013
30518	ST. LOUIS	0140	3 26	4 11 45.7	9 46 00	27 19				845012
10491	MAUI-BN	9012	3 26	8 00 31.31	11 19 42	64 25				434013
30668	KIEV	1023	3 26	17 49 31.5	8 02 36	13 30				845009
30669	KIEV	1023	3 26	17 51 25.2	8 56 30	13 12				845009
30665	EREVAN	1018	3 26	17 54 14.8	8 54 06	33 18				845009
30666	EREVAN	1018	3 26	17 54 55.3	9 19 06	32 18				845009
10480	SHIRAZ-BN	9008	3 26	17 56 02.40	8 20 48	54 53				434013
30601	TOUNSVILLE	8578	3 26	18 37 41.1			209 29	51 35		845502
30283	NEUDON	2715	3 26	19 46 09.0			217 46	50 28		837109
30285	NEUDON	2715	3 26	19 45 40.4			213 15	52 20		837109
10488	SAN FERNANDO-BN	9004	3 26	19 46 41.57	7 35 12	44 48				434013
30286	NEUDON	2715	3 26	19 46 55.0			210 54	53 08		837109
30287	NEUDON	2715	3 26	19 46 12.4			207 55	54 04		837109
30709	SAN ANTONIO	8610	3 27	1 39 33.8	7 01 48	60 13				848013
30563	N. CANTON	8584	3 27	1 43 57.9	7 37 38	33 20				641012
30564	N. CANTON	8584	3 27	1 44 03.7	7 41 40	33 24				641013
30567	N. CANTON	8584	3 27	1 44 18.7	7 51 06	33 28				641013
30539	N. CANTON	8584	3 27	1 44 24.3	8 01	33 05				641042
30544	N. PALM BEACH	8016	3 27	1 46 23			6 00	52 00		845502
30710	SAN ANTONIO	8610	3 27	3 40 16.4	9 25	54 39				845013
30523	TERRE HAUTE	8127	3 27	3 51 39.2			200	72 08		845503
30551	CHICAGO	8020	3 27	3 52 03.8	10 07	16 00				845042
10497	MAUI-BN	9012	3 27	5 34 36.75	4 49 00	69 31				434013
30785	NIYAZAKI	0250	3 27	11 41 43.1	11 28 24	42 24				845012
30590	STALINABAD	1047	3 27	15 24 13.9	3 54 00	22 30				845009
10500	NATRI TAL-BN	9006	3 27	15 38 46.85	10 38 48	51 20				434013
30605	MOSCOW	1072	3 27	17 31 08.3	8 32 24	5 18				845009
10510	SHIRAZ-BN	9008	3 27	17 36 43.84	9 46 24	52 44				434013
30606	MOSCOW	1072	3 27	17 40 39.6	11 41 24	- 4 36				845009
30432	BESANCON	2727	3 27	19 23 37.58			234 19	47 17		834309
30433	BESANCON	2727	3 27	19 24 30.56			228 13	51 29		834309
30490	POTSDAM	2729	3 27	19 24 48.7	6 05 18	8 18				834009
30434	BESANCON	2727	3 27	19 24 58.59			224 24	53 31		834309
30607	MOSCOW	1072	3 27	19 29 07.8	6 42 24	4 24				845009
30608	MOSCOW	1072	3 27	19 31 39.4	7 32 18	3 30				845009
30609	MOSCOW	1072	3 27	19 34 59.6	8 43 12	0 24				845009
30375	NEUDON	2715	3 27	21 26 08.3			254 03	29 04		837109
30376	NEUDON	2715	3 27	21 26 38.1			252 03	30 44		837109
30377	NEUDON	2715	3 27	21 26 58.5			250 44	31 50		837109
30378	NEUDON	2715	3 27	21 27 14.2			249 35	32 43		837109
30379	NEUDON	2715	3 27	21 27 30.6			248 24	33 38		837109
30380	NEUDON	2715	3 27	21 27 46.6			247 13	34 32		837109
30383	NEUDON	2715	3 27	21 28 37.0			242 55	37 18		837109
30821	FARMHAM	8048	3 27	21 32 20.2	8 43 06	6 54				838240
10498	SAN FERNANDO-BN	9004	3 27	21 33 12.10	9 27 36	36 37				434013
30401	NEUDON	2715	3 27	21 33 32.0			205 19	47 24		837109
30435	BESANCON	2727	3 27	21 34 27.47			211 34	48 21		834309
30436	BESANCON	2727	3 27	21 36 20.50			195 22	47 35 00		834309
30411	NEUDON	2715	3 27	21 36 41.7			177 12	45 55		837109
30414	NEUDON	2715	3 27	21 37 27.7			171 34	41 57		837109
10498	JUPITER-BN	9010	3 28	1 22 14.63	6 02 48	62 22				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30568	N. CANTON	8536	3 28	1 22 36.9	7 21 40	33 12				845013
30567	AKRON-P	8099	3 28	1 24 02.3	8 00 12	33 12				837017
10499	JUPITER-BN	9010	3 28	1 25 15.33	9 05 48	63 41				434013
10500	JUPITER-BN	9010	3 28	1 28 09.83	11 19 24	54 17				434013
10492	OLIFANTSFRYN-BN	9002	3 28	2 11 54.20	16 48 24	-36 26				434023
10501	JUPITER-BN	9010	3 28	3 29 14.86	7 13 30	47 44				434013
30553	ST. LOUIS	0140	3 28	3 29 20.7	9 24 24	27 47				845012
30555	ST. LOUIS	0140	3 28	3 30 41.0	10 08 29	24 18				845012
10502	JUPITER-BN	9010	3 28	3 32 35.55	9 26 42	46 13				434013
30604	TAIPEI	0502	3 28	11 13 00.1	7 58 06	68 57				845012
30786	MIYAZAKI	0230	3 28	11 17 38.6	9 34 06	52 00				845012
10523	TOKYO-BN	9005	3 28	11 18 44.60	8 43 12	42 34				434013
30785	MUSASHINO	0233	3 28	11 18 56.3			0 00	83 54		845022
30784	MITAKA	0229	3 28	11 20 42.3			76 30	76 42		845023
10524	TOKYO-BN	9005	3 28	13 24 05.40	8 33 24	21 45				434013
30787	MIYAZAKI	0230	3 28	13 24 16.4	9 34 18	33 18				845012
30580	FRUNZE	1058	3 28	15 11 32.7	7 22 00	27 42				845009
30563	MOSCOW	1072	3 28	17 19 46.1	11 32 06	- 4 48				845009
10506	MOONERA-BN	9003	3 28	17 58 49.73	19 34 18	- 8 36				434013
30432	BESANCON	2727	3 28	19 01 29.70			238 22	42 48		834009
30434	BESANCON	2727	3 28	19 03 08.28			228 04	50 52		834009
30435	BESANCON	2727	3 28	19 03 44.60			223 00	53 40		834009
30436	BESANCON	2727	3 28	19 04 10.39			218 50	55 30		834009
30438	BESANCON	2727	3 28	19 05 05.46			208 16	58 51		834009
30439	BESANCON	2727	3 28	19 06 01.08			195 21	61 07		834009
30440	BESANCON	2727	3 28	19 06 22.38			190 04	61 34		834009
30441	BESANCON	2727	3 28	19 06 42.89			184 43	61 44		834009
30442	BESANCON	2727	3 28	19 07 07.82			178 12	61 49		834009
30443	BESANCON	2727	3 28	19 07 29.58			172 43	61 33		834009
30444	BESANCON	2727	3 28	19 07 55.23			166 21	60 55		834009
30445	BESANCON	2727	3 28	19 08 23.27			159 55	59 59		834009
30447	BESANCON	2727	3 28	19 09 13.68			149 47	57 23		834009
30448	BESANCON	2727	3 28	19 09 38.72			145 29	55 53		834009
30449	BESANCON	2727	3 28	19 10 04.90			141 29	54 11		834009
30556	TCHEKNOVITSY	1062	3 28	19 11 21.1	8 02 30	13 30				845009
30550	RIGA	1040	3 28	19 13 40.2	9 38 24	- 3 00				845009
30567	MOSCOW	1072	3 28	19 16 04.1	9 19 30	- 2 36				845009
30437	NEUDON	2715	3 28	21 06 13.9			247 54	33 52		837109
30438	NEUDON	2715	3 28	21 06 46.2			245 19	35 42		837109
30439	NEUDON	2715	3 28	21 07 07.6			243 28	36 52		837109
30440	NEUDON	2715	3 28	21 07 30.8			241 21	38 10		837109
30441	NEUDON	2715	3 28	21 08 19.9			236 21	40 41		837109
30470	BESANCON	2727	3 28	21 08 23.89			247 03	37 38		834009
30442	NEUDON	2715	3 28	21 08 55.5			232 21	42 23		837109
30472	BESANCON	2727	3 28	21 09 23.87			241 16	40 54		834009
30473	BESANCON	2727	3 28	21 09 46.77			238 49	42 09		834009
30444	NEUDON	2715	3 28	21 09 59.5			224 48	44 52		837109
30474	BESANCON	2727	3 28	21 10 04.28			236 48	43 00		834009
30445	NEUDON	2715	3 28	21 10 24.5			220 48	45 50		837109
30475	BESANCON	2727	3 28	21 10 38.38			233 39	44 11		834009
30522	FARRMAN	8048	3 28	21 11 48.4	8 45 12	6 12				838048
10507	SAN FERNANDO-BN	9004	3 28	21 11 44.69	9 09 36	37 11				434013
30478	BESANCON	2727	3 28	21 11 52.64			222 38	47 19		834009
30479	BESANCON	2727	3 28	21 12 14.14			219 04	47 53		834009
30449	NEUDON	2715	3 28	21 12 46.5			199 00	47 52		837109
30450	NEUDON	2715	3 28	21 13 11.1			195 08	47 43		837109
30451	NEUDON	2715	3 28	21 13 37.5			191 00	47 19		837109
30483	BESANCON	2727	3 28	21 14 49.99			193 37	48 36		834009
30485	BESANCON	2727	3 28	21 15 53.18			183 58	46 57		834009
10513	JUPITER-BN	9010	3 29	1 07 09.53	11 17 06	52 54				434013
10503	ORGAN PASS-BN	9001	3 29	2 36 56.63	4 17 42	42 47				434013
30583	SACRAMENTO	8517	3 29	2 37 14.3			0 00	88 49		841304
10504	ORGAN PASS-BN	9001	3 29	3 05 28.86	10 25 12	45 42				434013
30711	SAN ANTONIO	8610	3 29	3 05 35.2	8 58 42	59 23				840012
30712	SAN ANTONIO	8610	3 29	3 05 55.3	9 14 38	54 38				840012
30609	PUEBLA	0900	3 29	3 06 13.7	9 30 24	78 53				840013
30596	WALNUT CREEK	8556	3 29	3 05 48.1	9 00 00	38 54				840014
30584	SACRAMENTO	8517	3 29	3 06 08.9			180 00	79 38		841304
30590	SAN JOSE	8573	3 29	3 11 07.5	11 41 48	19 15				845012
10525	MAUI-BN	9012	3 29	7 04 34.10	10 39 36	63 12				434013
10522	VILLA DOLORES-BN	9011	3 29	7 46 55.63	10 18 18	- 9 40				434013
10516	TOKYO-BN	9005	3 29	10 32 30.70	5 14 30	39 08				434013
30790	MIYAZAKI	0230	3 29	10 34 48.0	8 07 12	53 00				845012
30789	KONKO	0224	3 29	10 35 09.7	7 56 24	48 36				845012
30788	MITAKA	0229	3 29	10 37 05.4			334 42	82 00		845023
30791	HIGASHIMATSUYAMA	0210	3 29	10 37 24.8	8 34 24	41 36				845013
10517	TOKYO-BN	9005	3 29	13 00 36.70	7 29 48	24 51				434013
30792	MIYAZAKI	0230	3 29	13 01 17.7	8 22 30	36 54				845012
30611	ADELAIDE	8596	3 29	17 38 52.5			73	23		845022
30707	TCHEKNOVITSY	1062	3 29	18 49 57.9	7 46 30	13 30				845009
30710	TCHEKNOVITSY	1062	3 29	18 53 34.8	9 26 00	8 36				845009
30613	W. PALM BEACH	0016	3 30	0 41 03			354 00	50 30		845023
10520	JUPITER-BN	9010	3 30	0 41 15.67	7 16 18	65 32				434013
30615	W. PALM BEACH	0016	3 30	0 44 03			23 18	49 36		845023
10521	JUPITER-BN	9010	3 30	0 44 19.03	10 12 06	58 56				434013
30898	MADISON	0148	3 30	2 42 37.69	4 46 24	22 48				845012
30578	N. CANTON	8536	3 30	2 48 05.6	4 36 32	18 48				841011
30622	N. CANTON	8559	3 30	2 48 10.0	4 36 17	18 54				845013
30579	N. CANTON	8536	3 30	2 48 17.4	4 42 26	18 28				841011
30623	N. CANTON	8565	3 30	2 48 24.4	4 45 22	18 01				845013
30624	N. CANTON	8559	3 30	2 50 07.9	9 34 28	14 10				845013
30619	DENVER	8592	3 30	4 31 09.8			185 48	58 00		845024
10530	TOKYO-BN	9005	3 30	10 33 31.40	6 24 42	43 38				434013
30795	KONKO	0224	3 30	10 33 43.8	7 38 24	48 42				845012

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30796	KANAYA MACHI	0220	3 30	10 34 37.4	8 04 00	48 48				845012
30793	NIYATA	0229	3 30	10 35 00.6			316 12	78 00		845003
30794	MUSASHINO	0233	3 30	10 36 03.1			0 00	82		845002
30797	HIGASHIMATSUYAMA	0210	3 30	10 36 03.8	8 18 00	42 12				845013
30578	CHENOCHON	1287	3 30	12 37 19.8	9 41 00	38 18				845009
30799	YATSUSHIRO	0272	3 30	12 37 32			291 30	57 12		845002
30627	TAIPEI	0502	3 30	12 39 00.9	9 18 09	57 13				845012
30798	NIYATA	0229	3 30	12 40 44.7			261 18	54 18		845003
30800	NIYAZAKI	0230	3 30	12 40 59.7	8 48 00	35 36				845012
10531	TOKYO-BN	9005	3 30	12 42 29.00	8 37 06	20 45				434013
30801	HIGASHIMATSUYAMA	0210	3 30	12 44 28.7	7 40 36	14 00				845013
10528	SHIRAZ-BN	9008	3 30	16 33 39.14	9 52 24	50 34				434013
10534	RAINI TAL-BN	9006	3 30	16 39 37.09	8 41 00	33 32				434013
30804	SPETSAI	8078	3 30	18 28 37.5			100 31 00	77 25 12		834309
30713	KIEV	1023	3 30	18 29 01.3	7 23 42	9 12				845009
30717	CHERNOVITSY	1062	3 30	18 29 32.0	7 57 18	12 42				845009
30718	CHERNOVITSY	1062	3 30	18 30 09.5	8 15 00	12 00				845009
30714	KIEV	1023	3 30	18 32 02.6	8 42 30	3 48				845009
10529	SHIRAZ-BN	9008	3 30	18 39 42.54	9 14 18	26 48				434013
10526	JUPITER-BN	9010	3 31	0 18 47.83	5 46 00	64 52				434013
30632	N. CANTON	8536	3 31	0 19 51.6	7 25 19	33 06				641012
30899	MADISON	0148	3 31	2 22 49.00	7 18 48	22 15				845012
30718	SAN ANTONIO	8610	3 31	2 24 04.1	9 29 36	53 02				845013
30633	N. CANTON	8544	3 31	2 26 47.6	8 23 15	19 28				845014
30635	N. CANTON	8565	3 31	2 27 00.5	8 30 37	18 27				845013
10541	JUPITER-BN	9010	3 31	2 27 20.27	7 58 54	49 37				434013
30636	N. CANTON	8565	3 31	2 27 55.7	8 57 54	16 20				845012
10542	JUPITER-BN	9010	3 31	2 33 20.81	11 39 34	29 24				434013
30643	SAN JOSE	8573	3 31	4 23 00.4	8 36 42	32 42				845012
30644	SAN JOSE	8573	3 31	4 23 24.1	8 50 42	32 30				845012
10532	MAUI-BN	9012	3 31	6 21 49.37	10 23 36	64 40				434013
10533	MAUI-BN	9012	3 31	8 27 20.80	8 39 48	46 11				434013
30804	KENKO	0224	3 31	10 12 18.7	7 20 24	49 18				845012
30807	HIGASHIMATSUYAMA	0210	3 31	10 14 34.9	7 59 24	42 48				845013
30803	MUSASHINO	0233	3 31	10 14 41.2			0 00	82 30		845002
30802	SENDAI	0246	3 31	10 15 04.4			187 48	88 30		845002
30806	NIYAZAKI	0230	3 31	12 19 17.0	8 22 30	36 54				845012
30805	YATSUSHIRO	0272	3 31	12 20 55			180 00	87 12		845002
10545	TOKYO-BN	9005	3 31	12 31 29.10	8 32 42	20 35				434013
10547	SHIRAZ-BN	9008	3 31	16 10 50.05	8 34 00	55 09				434013
30807	SPETSAI	8078	3 31	18 07 20.1			102 42 00	78 31 12		834309
10548	SHIRAZ-BN	9008	3 31	18 19 30.75	9 38 42	23 38				434013
30808	SPETSAI	8078	3 31	19 14 49.6			44 03 00	58 00 00		834309
30809	SPETSAI	8078	3 31	19 17 16.1			25 04 48	59 09 36		834309
10539	SAN FERNANDO-BN	9004	3 31	20 07 31.24	8 24 06	38 28				434013
10540	SAN FERNANDO-BN	9004	3 31	22 15 28.65	9 21 18	9 50				434013
30654	ALBUQUERQUE	8041	4 01	1 36 25.4	5 55 30	47 30				845033
30668	WICHITA	8605	4 01	2 01 34.39	8 06 12	36 36				845012
30908	MADISON	0148	4 01	2 01 56.04	7 18 36	22 09				845012
30901	MADISON	0148	4 01	2 05 24.40	9 08 01	15 45				845012
30902	MADISON	0148	4 01	2 06 41.56	9 43 00	12 24				845012
30655	ALBUQUERQUE	8534	4 01	4 07 55.0	9 40 48	20 24				845042
30656	ALBUQUERQUE	8534	4 01	4 08 18.8	9 52 36	19 06				845042
10538	ORGAN PASS-BN	9001	4 01	4 09 54.61	10 34 54	19 41				434013
10580	VILLA DOLORES-BN	9011	4 01	8 47 52.95	14 36 36	-46 23				434023
30831	HIGASHIMATSUYAMA	0210	4 01	9 52 59.3	7 35 06	43 18				845013
30830	MUSASHINO	0233	4 01	9 53 12.7			0 00	83 30		845002
10544	TOKYO-BN	9005	4 01	9 53 17.90	7 47 36	43 51				434013
30832	NIYAZAKI	0230	4 01	11 58 16.8	8 24 00	36 42				845012
30832	YATSUSHIRO	0272	4 01	11 59 24			180 00	89 30		845002
10545	TOKYO-BN	9005	4 01	12 00 28.50	8 32 24	19 58				434013
30834	NIYATA	0229	4 01	12 01 16.5			217 24	67 48		845003
30835	HIGASHIMATSUYAMA	0210	4 01	12 03 22.6	9 55 36	10 06				845013
30720	TINUA	1281	4 01	13 54 08.6	9 10 42	14 48				845009
10543	SHIRAZ-BN	9008	4 01	13 50 14.91	9 00 54	53 26				434013
30691	CHERNOVITSY	1062	4 01	17 45 01.6	6 33 12	13 42				845009
30704	CHERNOVITSY	1017	4 01	17 51 24.2	8 42	5 18				845009
30705	CHERNOVITSY	1017	4 01	17 53 20.1	9 28 00	1 24				845009
10544	SHIRAZ-BN	9008	4 01	17 54 57.14	7 44 24	32 51				434013
10536	SAN FERNANDO-BN	9004	4 01	19 45 45.60	7 54 12	39 33				434013
30646	DALLAS	0129	4 02	1 40 31.70	8 03 06	48 38				845013
30903	MADISON	0148	4 02	1 40 59.25	7 18 24	21 34				845012
30649	ST. LOUIS	0140	4 02	1 41 00.6	7 19 17	32 12				845012
10534	ORGAN PASS-BN	9001	4 02	3 43 24.33	7 34 42	36 06				434013
30717	ALBUQUERQUE	8534	4 02	3 46 41.9	9 34 12	20 21				845042
30680	DENVER	8592	4 02	3 46 48.4			182 06	60 06		845004
30718	ALBUQUERQUE	8534	4 02	3 47 45.1	10 04 00	16 33				845042
30671	ST. LOUIS	0140	4 02	3 48 38.5	8 30 05	6 02				845012
30673	ST. LOUIS	0140	4 02	3 50 17.2	9 09 10	1 19				845012
10536	ORGAN PASS-BN	9001	4 02	5 43 52.92	6 14 06	17 32				434013
30819	WALNUT CREEK	8586	4 02	5 47 18.5	8 47 56	6 16				845013
30816	WALNUT CREEK	8586	4 02	5 47 33.8	8 54 00	5 32				845013
30686	WALNUT CREEK	8536	4 02	5 48 03.0	9 06 00	4 00				845014
10537	ORGAN PASS-BN	9001	4 02	5 50 33.39	8 22 30	4 41				434013
30719	SACRAMENTO	8517	4 02	5 50 45.1	10 07 42	- 5 30				641013
30748	TAIPEI	0502	4 02	11 34 29.4	8 24 48	59 42				845012
30838	YATSUSHIRO	0272	4 02	11 37 53			180 00	89 30		845002
30837	KANAYA MACHI	0220	4 02	11 39 20.4	9 05	24 00				845012
30836	MUSASHINO	0233	4 02	11 41 44.1			180 00	67 00		845002
30839	NIYAZAKI	0230	4 02	11 41 52.9	10 48 12	19 00				845002
10546	TOKYO-BN	9005	4 02	11 44 07.50	10 35 24	3 38				434013
10547	TOKYO-BN	9005	4 02	13 43 07.90	7 59 12	0 31				434013
10545	SHIRAZ-BN	9008	4 02	15 27 20.07	7 27 36	57 43				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10568	MAINI TAL-BN	9004	4 02	15 36 28.67	8 38 36	32 55				434013
10566	SHIRAZ-BN	9008	4 02	17 36 43.98	9 15 18	24 50				434013
10538	SAN FERNANDO-BN	9004	4 02	21 33 13.03	9 09 42	9 06				434013
10575	JUPITER-BN	9010	4 03	1 19 37.76	4 48 42	49 20				434013
30904	MADISON	0148	4 03	1 21 16.60	8 11	18 48				845042
30492	STATE COLLEGE	8603	4 03	1 23 09.8			223 12	61 54		845302
10576	JUPITER-BN	9010	4 03	1 26 10.14	9 29 18	43 53				434013
10577	JUPITER-BN	9010	4 03	1 30 04.21	11 20 48	26 02				434013
10550	CURACAO-BN	9009	4 03	1 34 00.16	11 48 06	43 51				434013
10558	ORGAN PASS-BN	9001	4 03	3 15 18.30	3 50 00	32 55				434013
30687	WALNUT CREEK	8556	4 03	3 18 27.2	7 41 45	33 30				845014
30688	WALNUT CREEK	8556	4 03	3 18 37.2	7 48 30	33 12				845014
30720	ALBUQUERQUE	8534	4 03	3 24 44.8	9 04 48	22 42				845042
10578	JUPITER-BN	9010	4 03	3 25 57.11	8 20 24	25 26				434013
30721	ALBUQUERQUE	8534	4 03	3 26 35.6	9 38 24	16 00				845042
30903	MADISON	0148	4 03	3 27 17.17	8 27	- 0 18				845042
10559	ORGAN PASS-BN	9001	4 03	3 28 05.49	10 35 30	16 35				434013
30714	SAN ANTONIO	8610	4 03	3 28 48.4	9 50 18	21 39				845013
30871	PUEBLA	0900	4 03	3 29 32.3	10 15 12	43 23				845013
30872	PUEBLA	0900	4 03	3 31 10.1	11 04 12	35 52				845013
10579	JUPITER-BN	9010	4 03	3 31 49.07	8 36 18	13 10				434013
30817	WALNUT CREEK	8556	4 03	3 26 16.8	8 47 36	5 36				845013
30689	WALNUT CREEK	8556	4 03	3 26 17.6	8 44 00	5 24				845014
30690	WALNUT CREEK	8556	4 03	3 26 30.0	8 49 10	4 48				845014
30724	SACRAMENTO	8517	4 03	3 26 43.2	8 53 48	3 08				641013
10560	ORGAN PASS-BN	9001	4 03	3 26 58.37	7 23 24	10 50				434013
30725	SACRAMENTO	8517	4 03	3 29 41.0			180 00	44 52		641304
10561	ORGAN PASS-BN	9001	4 03	3 30 57.66	8 47 30	- 0 28				434013
30749	TAIPEI	0502	4 03	11 11 41.3	7 49 24	61 15				845012
30843	MIYAZAKI	0230	4 03	11 16 01.1	8 18 48	36 24				845012
30842	YATSUSHIRO	0272	4 03	11 16 13			0 00	89 06		845302
30841	KANAYA MACHI	0220	4 03	11 18 13.4	8 59 06	23 36				845012
30750	TAIPEI	0502	4 03	11 19 01.7	11 31 36	34 33				845012
30844	HIGASHIMATSUYAMA	0210	4 03	11 20 10.9	9 20 36	12 18				845013
30840	MUSASHINO	0233	4 03	11 20 16.7			180 00	67 00		845302
10571	TOKYO-BN	9005	4 03	11 20 45.60	9 35 30	11 01				434013
10572	TOKYO-BN	9005	4 03	13 23 59.50	8 26 30	- 5 19				434013
10569	SHIRAZ-BN	9008	4 03	17 17 17.74	10 01 18	17 29				434013
10583	MAINI TAL-BN	9004	4 03	17 18 36.03	7 31 24	8 57				434013
30508	BESANCON	2727	4 03	19 02 43.04			228 12	46 14		834509
30509	BESANCON	2727	4 03	19 03 10.67			223 53	47 31		834509
30513	BESANCON	2727	4 03	19 04 35.72			209 05	50 18		834509
30514	BESANCON	2727	4 03	19 04 57.27			205 05	50 40		834509
30517	BESANCON	2727	4 03	19 05 51.97			194 52	50 47		834509
30518	BESANCON	2727	4 03	19 06 10.91			191 27	50 34		834509
30521	BESANCON	2727	4 03	19 07 02.44			182 21	49 28		834509
30522	BESANCON	2727	4 03	19 07 23.43			178 55	48 48		834509
30523	BESANCON	2727	4 03	19 07 41.20			176 09	48 10		834509
30524	BESANCON	2727	4 03	19 07 59.49			173 27	47 25		834509
30525	BESANCON	2727	4 03	19 08 18.14			170 46	46 37		834509
30526	BESANCON	2727	4 03	19 08 38.20			168 05	45 41		834509
30527	BESANCON	2727	4 03	19 08 58.07			165 34	44 43		834509
30528	BESANCON	2727	4 03	19 09 19.79			162 59	43 33		834509
30533	BESANCON	2727	4 03	19 12 27.63			146 48	32 53		834509
30535	BESANCON	2727	4 03	19 13 22.44			143 34	29 44		834509
30538	BESANCON	2727	4 03	19 15 19.24			138 23	23 36		834509
30539	BESANCON	2727	4 03	19 15 40.22			137 26	22 18		834509
10570	SAN FERNANDO-BN	9004	4 03	21 10 33.69	8 22 36	13 26				434013
10573	CURACAO-BN	9009	4 04	1 00 19.34	3 51 30	57 12				434013
10584	JUPITER-BN	9010	4 04	1 02 39.03	7 47 54	51 07				434013
10585	JUPITER-BN	9010	4 04	1 06 52.32	10 26 30	34 48				434013
10574	CURACAO-BN	9009	4 04	1 14 37.80	12 19 42	33 45				434013
10581	ORGAN PASS-BN	9001	4 04	3 03 31.23	8 53 54	29 32				434013
30722	ALBUQUERQUE	8534	4 04	3 03 45.2	9 05 36	21 36				845042
30730	FORT WORTH	0139	4 04	3 05 00.43	8 16 52	22 54				845013
30906	MADISON	0148	4 04	3 06 04.29	8 12 24	- 0 43				845012
10586	JUPITER-BN	9010	4 04	3 06 24.13	4 45 54	23 40				434013
30907	MADISON	0148	4 04	3 06 31.99	8 23 00	- 1 54				845012
30697	ST. LOUIS	0140	4 04	3 06 56.4	8 30 10	3 39				845012
30738	WICHITA	8605	4 04	3 07 04.24	9 18 07	5 12				845012
30739	WICHITA	8605	4 04	3 07 04.67	9 18 10	5 11				845012
10587	JUPITER-BN	9010	4 04	3 07 28.09	7 11 06	21 45				434013
30698	ST. LOUIS	0140	4 04	3 07 56.6	8 54 24	0 39				845012
30873	PUEBLA	0900	4 04	3 09 09.9	10 07 24	43 31				845013
30908	MADISON	0148	4 04	3 12 15.87	10 20 42	-16 36				845012
30818	WALNUT CREEK	8556	4 04	5 04 50.0	8 30 21	8 00				845013
30819	WALNUT CREEK	8556	4 04	5 05 11.8	8 39 28	4 52				845013
10582	ORGAN PASS-BN	9001	4 04	5 10 38.62	8 58 42	- 3 45				434013
30729	DENVER	8592	4 04	5 10 54.6			210 12	30 36		845304
10597	MAUI-BN	9012	4 04	7 05 53.90	10 21 54	34 39				434013
30751	TAIPEI	0502	4 04	10 51 48.1	8 08 04	60 43				845012
30752	TAIPEI	0502	4 04	10 52 53.7	9 05 09	57 07				845012
30753	TAIPEI	0502	4 04	10 56 56.1	10 51 24	41 34				845012
10591	SHIRAZ-BN	9008	4 04	16 51 53.31	7 43 30	32 30				434013
30810	SPETSAI	8078	4 04	18 50 50.5			29 26 24	61 57 36		834509
10592	SHIRAZ-BN	9008	4 04	18 57 27.13	7 44 54	3 09				434013
10593	WOONERA-BN	9003	4 04	19 41 59.87	19 36 00	-75 50				434023
30754	ADELAIDE	8596	4 04	19 42 32.5			155 15	59 15		845302
10594	SAN FERNANDO-BN	9004	4 04	20 50 09.69	8 38 30	10 35				434013
30733	ROCHESTER	8564	4 05	0 39 21.4	4 32 36	15 25				845014
10595	CURACAO-BN	9009	4 05	0 41 04.84	4 33 06	62 19				434013
10596	CURACAO-BN	9009	4 05	0 54 55.42	12 35 18	25 35				434013
10588	ORGAN PASS-BN	9001	4 05	2 41 22.29	8 15 42	32 38				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30799	ALAMOGORDO	0102	4 05	2 41 46			180	86 54		845302
30740	FORT WORTH	0139	4 05	2 43 51.09	8 12 25	22 36				845013
30741	N. CANTON	8536	4 05	2 46 15.9	7 51 08	- 2 00				845014
30737	CLEVELAND	8607	4 05	2 46 19.5	7 58	- 2 54				845041
30742	N. CANTON	8536	4 05	2 46 23.4	7 53 23	- 2 14				845012
30748	N. CANTON	8559	4 05	2 49 23.5	8 55 28	-10 25				845013
30747	ST. PETERSBURG	8604	4 05	2 52 18.5	10 02	- 0 42				845042
30820	WALNUT CREEK	8556	4 05	4 43 47.2	8 26 00	5 04				845014
10590	ORGAN PASS-BN	9001	4 05	4 51 32.82	9 36 48	-11 32				434013
10606	MAUI-BN	9012	4 05	6 41 05.22	8 12 00	48 25				434013
10603	VILLA DOLORES-BN	9011	4 05	7 29 22.85	21 10 12	-40 50				434723
10604	VILLA DOLORES-BN	9011	4 05	9 33 25.30	22 58 36	-51 04				434J23
30845	MUSASHINO	0233	4 05	10 33 49.8			180 00	70 00		845302
30734	TBILISI	1053	4 05	16 49 58.0	6 37 00	13 00				845009
30811	SPETSAI	8078	4 05	18 29 32.0			25 50 24	62 37 48		834309
30730	LVOV	1031	4 05	18 41 14.3	7 52 00	8 18				845009
30731	LVOV	1031	4 05	18 41 24.4	8 11 30	7 06				845009
30733	UJGOROD	1055	4 05	18 41 39.2	9 07 30	11 54				845009
30759	BUCHARST	1131	4 05	18 41 40.5	7 08 00	39 36				45009
30760	BUCHARST	1131	4 05	18 42 35.5	9 30 00	31 00				445009
30732	LVOV	1031	4 05	18 43 21.7	10 50 00	- 6 36				845009
30733	LVOV	1031	4 05	18 43 43.2	11 13 30	- 9 00				845009
10601	CURACAO-BN	9009	4 06	0 19 17.00	3 59 06	62 12				434013
10607	JUPITER-BN	9010	4 06	0 19 47.30	7 18 36	53 00				434013
30756	ROCHESTER	8564	4 06	0 19 51.3	7 17 00	12 13				845013
10608	JUPITER-BN	9010	4 06	0 20 56.19	8 14 54	49 34				434013
30757	ROCHESTER	8564	4 06	0 21 02.2	7 52 30	9 21				845013
10609	JUPITER-BN	9010	4 06	0 28 48.90	11 35 18	14 08				434013
10602	CURACAO-BN	9009	4 06	0 35 07.52	12 44 24	18 31				434013
30758	DENVER	8592	4 06	2 19 18.2			203 36	65 12		845304
30759	DENVER	8592	4 06	2 20 50.0			177 48	62 00		845304
30760	TERRE HAUTE	8127	4 06	2 25 25.7			215	46 30		845302
30874	PUEBLA	0900	4 06	2 28 02.1	11 01 06	30 49				845013
30761	W. PALM BEACH	0016	4 06	2 28 07			247 00	61 30		845303
10610	JUPITER-BN	9010	4 06	2 28 14.07	8 16 30	12 36				434013
30875	PUEBLA	0900	4 06	2 29 03.1	11 22 30	25 40				845013
30762	W. PALM BEACH	0016	4 06	2 30 07			215 30	66 00		845303
10611	JUPITER-BN	9010	4 06	2 30 27.40	9 13 30	3 52				434013
30763	W. PALM BEACH	0016	4 06	2 32 07			186 00	61 00		845303
30764	ST. PETERSBURG	8604	4 06	2 33 24.5	10 47	-10 05				845042
30765	SACRAMENTO	8517	4 06	4 24 41.6			180 00	48 05		641304
10613	MAUI-BN	9012	4 06	6 24 54.57	10 49 36	25 59				434013
10614	MAUI-BN	9012	4 06	8 27 42.51	8 20 24	5 29				434013
10605	VILLA DOLORES-BN	9011	4 06	9 12 12.02	22 10 30	-57 05				434023
10620	TOKYO-BN	9005	4 06	10 12 34.30	6 54 12	24 23				434013
30847	KANAYA NACHI	0220	4 06	10 13 55.7	8 20 00	25 00				845012
30848	MUSASHINO	0233	4 06	10 15 19.6			180 00	70 00		845302
30846	HIGASHIMATSUYAMA	0210	4 06	10 15 21.9	8 27 30	15 12				845013
10621	TOKYO-BN	9005	4 06	12 17 05.30	6 53 06	2 35				434013
30849	HIGASHIMATSUYAMA	0210	4 06	12 20 53.5	8 14 18	- 8 54				845002
30850	MITAKA	0229	4 06	12 23 21.4			208 36	33 12		845303
10615	NAIMI TAL-BN	9006	4 06	14 11 45.96	8 24 00	32 12				434013
10616	NAIMI TAL-BN	9006	4 06	16 18 32.24	8 16 24	- 2 41				434013
30772	SPETSAI	8078	4 06	18 08 16.6			21 31 48	63 04 48		834309
30773	SPETSAI	8078	4 06	18 09 37.1			1 10 48	60 04 12		834309
10612	CURACAO-BN	9009	4 07	0 03 16.41	8 10 00	65 12				434012
30870	FORT WORTH	0139	4 07	2 01 21.82	7 58 48	22 24				84501
30808	SAN ANTONIO	8610	4 07	2 01 48.6	8 20 48	29 36				84501
30809	SAN ANTONIO	8610	4 07	2 02 10.5	8 35 36	27 50				845012
10617	JUPITER-BN	9010	4 07	2 06 16.92	7 49 24	15 01				434013
10618	JUPITER-BN	9010	4 07	2 10 27.46	9 37 00	- 1 35				434013
10638	MAUI-BN	9012	4 07	6 00 50.29	9 28 06	39 54				434013
10636	MAUI-BN	9012	4 07	8 09 01.37	9 08 48	- 5 21				434013
10622	TOKYO-BN	9005	4 07	9 52 57.90	7 42 00	19 45				434013
30852	MUSASHINO	0233	4 07	9 53 46.0			180 00	71 00		845302
30851	MIYAZAKI	0230	4 07	11 56 19.7	7 18 30	7 54				434012
10625	SHIRAZ-BN	9008	4 07	15 55 39.96	10 46 12	2 29				434011
30774	SPETSAI	8078	4 07	17 47 01.5			17 00 00	63 22 12		834309
30768	ATHERS	2706	4 07	17 48 20.5			180 21 36	57 48 00		837309
30769	ATHERS	2706	4 07	17 51 16.5			155 53 24	45 42 00		837309
30770	ATHERS	2706	4 07	17 54 10.5			144 41 24	35 24 00		837309
30771	ATHERS	2706	4 07	17 57 14.0			138 27 36	22 21 00		837309
30736	NEUDON	2715	4 07	19 40 19.6			241 00	25 17		837109
30737	NEUDON	2715	4 07	19 40 57.9			237 14	26 32		837109
30742	NEUDON	2715	4 07	19 42 20.0			215 31	30 15		837109
30738	NEUDON	2715	4 07	19 42 35.9			227 12	29 00		837109
30739	NEUDON	2715	4 07	19 43 12.5			223 01	29 38		837109
30740	NEUDON	2715	4 07	19 43 32.3			220 48	29 53		837109
30741	NEUDON	2715	4 07	19 43 58.1			217 58	30 06		837109
30743	NEUDON	2715	4 07	19 44 38.1			215 31	30 17		837109
30744	NEUDON	2715	4 07	19 46 15.4			205 01	29 47		837109
30745	NEUDON	2715	4 07	19 46 46.2			199 48	29 19		837109
30746	NEUDON	2715	4 07	19 47 13.1			197 09	28 50		837109
30747	NEUDON	2715	4 07	19 47 42.5			194 17	28 17		837109
30748	NEUDON	2715	4 07	19 48 19.5			190 52	27 23		837109
30749	NEUDON	2715	4 07	19 48 59.7			187 27	26 22		837109
30750	NEUDON	2715	4 07	19 49 47.4			185 29	24 58		837109
30751	NEUDON	2715	4 07	19 52 18.8			175 00	19 50		837109
30821	ADELAIDE	8596	4 07	20 45 40			90	70		845302
10629	CURACAO-BN	9009	4 07	23 37 51.91	4 08 48	66 25				434013
10630	CURACAO-BN	9009	4 07	23 55 57.07	12 57 12	5 24				434013
30911	MADISON	0148	4 08	1 40 23.4	7 14 00	- 0 36				845012
30766	N. CANTON	0053	4 08	1 40 41.2	6 30 14	2 38				845012

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
30912	MADISON	0148	4 08	1 42 57.1	8 14 12	- 7 36				845012
30767	NEW ORLEANS	0031	4 08	1 43 53			180	73 15 00		845302
30768	STATE COLLEGE	8603	4 08	1 48 28.0			180 24	29 30		845302
30810	SAN ANTONIO	0096	4 08	1 50 32.4	11 41 02	- 8 36				845012
10637	MAUI-BN	9012	4 08	5 38 25.28	8 43 24	-45 20				434013
30769	SACRAMENTO	8517	4 08	5 44 36.5	7 38 12	-13 20				641013
30770	SACRAMENTO	8517	4 08	5 45 05.1	7 46 24	-14 38				641013
10633	VILLA DOLORES-BN	9011	4 08	8 28 06.45	15 21 54	-68 15				434023
10626	SHIRAZ-BN	9008	4 08	15 27 56.20	7 52 00	-29 53				434013
10631	CURACAO-BN	9009	4 09	1 33 04.50	9 44 48	7 38				434013
30822	SACRAMENTO	8517	4 09	3 19 48.7			180 00	50 23		641304
10639	MAUI-BN	9012	4 09	7 25 44.00	8 36 48	- 2 42				434013
10634	VILLA DOLORES-BN	9011	4 09	8 07 33.16	16 16 42	-68 52				434023
30909	MIYAZAKI	0230	4 09	11 15 16.5	7 36 12	2 36				845002
30814	NEW ORLEANS	0031	4 10	1 00 59			180	75		845302
10623	AREQUIPA-BN	9007	4 10	1 10 19.73	9 26 48	56 12				434013
10624	AREQUIPA-BN	9007	4 10	1 15 21.98	11 19 06	-41 56				434013
30823	SACRAMENTO	8517	4 10	2 58 14.0			180 00	50 59		641304
30826	DENVER	8592	4 10	3 00 19.8			217 54	34 54		845304
30827	DENVER	8592	4 10	3 03 14.7			197 54	32 06		845304
30828	SAN ANTONIO	0096	4 10	3 10 53.5	9 36 54	-24 12				845042
30829	SAN ANTONIO	0096	4 10	3 12 07.8	10 02 00	-28 08				845043
30824	SACRAMENTO	8517	4 10	5 02 53.7	7 29 12	-16 34				641013
30825	SACRAMENTO	8517	4 10	5 06 21.3	8 34 54	-26 14				641043
10641	MAUI-BN	9012	4 10	7 04 14.86	8 24 18	- 2 07				434013
10660	TOKYO-BN	9005	4 10	10 54 53.90	7 06 00	- 6 52				434013
30910	MUSASHINO	0233	4 10	10 54 55.4			225	36		845302
30761	EREVAN	1018	4 10	16 48 44.5	7 25 54	-11 00				845009
10642	SHIRAZ-BN	9008	4 10	16 49 27.38	6 28 06	3 11				434013
30762	EREVAN	1018	4 10	16 49 43.3	7 47 12	-13 54				845009
30763	EREVAN	1018	4 10	16 50 55.4	8 12 18	-17 18				845009
30764	EREVAN	1018	4 10	16 51 44.9	8 28 30	-19 18				845009
30765	EREVAN	1018	4 10	16 52 50.1	8 50 00	-22 06				845009
30766	EREVAN	1018	4 10	16 55 04.2	9 30 00	-27 00				845009
30767	EREVAN	1018	4 10	16 57 36.6	10 11 00	-31 54				845009
10640	WOOMERA-BN	9003	4 10	19 41 51.40	17 58 24	-64 08				434023
30860	ADELAIDE	8596	4 10	19 42 25			160	82 15		845302
30913	MADISON	0148	4 11	2 39 47.95	6 18 12	-11 24				845012
30914	MADISON	0148	4 11	2 40 05.37	6 24 36	-12 12				845012
10663	MAUI-BN	9012	4 11	6 40 11.96	7 08 00	9 27				434013
10643	VILLA DOLORES-BN	9011	4 11	7 29 57.04	21 31 42	-36 40				434023
10647	TOKYO-BN	9005	4 11	10 33 20.60	6 47 42	- 6 26				434013
10648	SHIRAZ-BN	9008	4 11	16 28 25.01	6 21 12	2 11				434013
10650	CURACAO-BN	9009	4 12	0 29 04.75	9 24 00	7 45				434013
10649	AREQUIPA-BN	9007	4 12	0 35 46.14	11 54 48	29 39				434013
10645	OLIFANTSPTN-BN	9002	4 12	1 12 34.76	20 51 12	-69 29				434023
10653	ORGAN PASS-BN	9001	4 12	2 12 57.37	4 17 18	16 22				434013
30853	DENVER	8592	4 12	2 17 27.4			217 12	35 06		845304
10654	ORGAN PASS-BN	9001	4 12	2 20 05.93	7 36 30	- 5 02				434013
30854	DENVER	8592	4 12	2 20 14.6			196 48	32 24		845304
30855	DENVER	8592	4 12	2 22 10.5			185 36	28 48		845304
30856	DENVER	8592	4 12	2 23 16.2			180 12	26 18		845304
30857	DENVER	8592	4 12	2 25 31.2			171 24	20 48		845304
30858	DENVER	8592	4 12	2 27 44.7			164 48	15 18		845304
30878	PUEBLA	0900	4 12	2 29 13.7	10 00 18	-16 30				845013
30879	PUEBLA	0900	4 12	2 30 07.0	10 05 36	-18 28				845013
10651	CURACAO-BN	9009	4 12	2 34 13.27	7 57 18	-20 01				434013
10646	OLIFANTSPTN-BN	9002	4 12	3 17 19.30	19 19 30	-68 12				434023
30812	PINE VALLEY-P	5100	4 12	4 20 30.0	6 36 54	-10 54				637049
30859	CHINA LAKE	8588	4 12	4 21 29.6			223 24 36	24 19 48		845303
10655	ORGAN PASS-BN	9001	4 12	4 23 48.71	6 53 54	-17 41				434013
10665	SHIRAZ-BN	9008	4 12	16 06 19.40	5 47 54	4 42				434013
10657	WOOMERA-BN	9003	4 12	19 00 12.93	18 03 30	-61 29				434023
10658	SAN FERNANDO-BN	9004	4 12	20 04 25.63	6 37 42	-11 30				434013
30864	SAN ANTONIO	8610	4 13	2 05 11.1	8 56 30	-23 00				845043
30861	CHINA LAKE	8588	4 13	4 00 00.5			223 09 36	24 37 48		845303
10652	ORGAN PASS-BN	9001	4 13	4 04 04.79	7 05 48	-22 48				434013
10667	VILLA DOLORES-BN	9011	4 13	8 48 31.97	15 25 54	-51 18				434023
10666	CURACAO-BN	9009	4 13	23 45 26.19	8 44 18	13 18				434013
10671	JUPITER-BN	9010	4 14	1 35 48.62	4 21 36	7 00				434013
30862	SAINT PETERSBURG	8604	4 14	1 38 31.9	5 15 25	- 0 25				845012
30863	SAINT PETERSBURG	8604	4 14	1 42 08.6	6 23 51	-11 54				845012
10672	JUPITER-BN	9010	4 14	1 43 24.68	6 35 54	-14 53				434013
10673	JUPITER-BN	9010	4 14	1 48 14.59	8 05 00	-11 17				434023
10668	AREQUIPA-BN	9007	4 14	1 54 43.77	8 53 16	20 31				434013
30865	CHINA LAKE	0098	4 14	3 38 32.2			222 54 36	24 48 36		845303
30916	PINE VALLEY-P	5100	4 14	3 39 16.0	6 35 06	-15 56				637049
10699	MAUI-BN	9012	4 14	5 38 54.16	7 46 36	- 2 19				434013
10700	MAUI-BN	9012	4 14	7 46 29.92	7 38 48	-31 29				434023
10669	AREQUIPA-BN	9007	4 14	8 28 07.15	21 52 30	-81 30				434023
10670	AREQUIPA-BN	9007	4 14	8 32 17.30	23 09 30	-45 48				434023
10675	VILLA DOLORES-BN	9011	4 14	8 33 42.32	21 58 12	- 6 22				434013
30880	QUEZON CITY	0500	4 14	11 36 50			223 30	61		845302
10680	WOOMERA-BN	9003	4 14	18 18 16.17	17 37 48	-59 48				434023
10681	WOOMERA-BN	9003	4 14	20 24 06.17	17 59 00	- 6 38				434013
10688	CURACAO-BN	9009	4 14	23 23 26.14	8 18 12	17 31				434013
30867	ST. PETERSBURG	8604	4 15	1 22 40.7	6 51 30	-19 10				845042
10691	JUPITER-BN	9010	4 15	1 23 39.22	6 51 18	-20 42				434013
30869	ST. PETERSBURG	8604	4 15	1 25 54.9	7 55 43	-10 17				845042

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10692	JUPITER-BN	9010	4 15	1 26 58.97	7 56 00	-31 58				434023
10697	CURACAO-BN	9009	4 15	1 31 01.17	7 39 42	-24 45				434023
10693	JUPITER-BN	9010	4 15	1 31 52.99	9 30 00	-44 57				434023
90918	ALPINE-P	9089	4 15	3 16 32.0	5 53 00	-11 36				437049
10701	MAUI-BN	9012	4 15	7 29 27.74	8 40 06	-46 05				434023
30881	QUEZON CITY	0500	4 15	11 16 22			202 12	64 48		845302
10682	WOOMERA-BN	9003	4 15	11 29 01.78	10 31 36	25 15				434013
10678	OLIFANTSPNTN-BN	9002	4 15	17 21 36.60	11 45 24	22 03				434013
30882	ADELAIDE	8596	4 15	20 03 39.2			342 45	43 30		845302
10694	JUPITER-BN	9010	4 16	0 56 52.06	4 51 42	- 2 15				434013
10695	JUPITER-BN	9010	4 16	1 02 39.23	6 45 18	-22 23				434013
10679	OLIFANTSPNTN-BN	9002	4 16	1 53 38.70	18 33 48	-63 48				434023
10676	ORGAN PASS-BN	9001	4 16	2 56 39.72	5 24 48	-13 41				434013
10677	ORGAN PASS-BN	9001	4 16	3 02 49.40	7 14 18	-32 23				434023
10685	AREQUIPA-BN	9007	4 16	7 47 23.19	21 39 48	-69 52				434023
10697	VILLA DOLORES-BN	9011	4 16	7 48 01.50	18 45 48	-41 38				434023
10698	VILLA DOLORES-BN	9011	4 16	7 52 07.19	21 25 48	- 7 17				434013
30884	QUEZON CITY	0500	4 16	10 54 01			217	67 54		845302
30885	QUEZON CITY	0500	4 16	10 55 18			194	65 48		845302
30886	SYDNEY	0802	4 16	17 41 53	18 38	-23 54				845042
10683	WOOMERA-BN	9003	4 16	19 42 12.69	17 34 48	-11 27				434013
30883	ADELAIDE	8596	4 16	19 42 18.2			335	47 45		845302
10689	CURACAO-BN	9009	4 17	0 47 05.07	6 54 24	-20 22				434013
10707	MAUI-BN	9012	4 17	6 40 58.91	8 39 18	-27 54				434023
10686	AREQUIPA-BN	9007	4 17	9 27 40.63	13 22 48	-58 53				434023
10702	VILLA DOLORES-BN	9011	4 17	9 31 49.23	17 20 48	- 7 16				434013
10704	OLIFANTSPNTN-BN	9002	4 17	18 44 29.36	10 45 06	- 2 02				434013
30887	ADELAIDE	8596	4 17	19 21 18			335	51		845302
30888	TOWNSVILLE	8578	4 17	19 25 37.2			142 34	80 41		845302
30889	TOWNSVILLE	8578	4 17	19 25 37.4			144 01	80 25		845302
30890	TOWNSVILLE	8578	4 17	19 25 38.5			140 59	80 18		845302
10706	CURACAO-BN	9009	4 18	0 27 10.72	7 11 54	-27 19				434023
10708	VILLA DOLORES-BN	9011	4 18	0 39 41.63	11 15 00	- 6 59				434013
30891	TOWNSVILLE	8578	4 18	10 28 37.6			29 34	80 01		845302
10709	OLIFANTSPNTN-BN	9002	4 18	18 21 44.15	10 04 18	- 3 50				434013
10711	AREQUIPA-BN	9007	4 19	8 09 20.32	8 42 54	16 38				434013
10710	OLIFANTSPNTN-BN	9002	4 19	2 56 39.53	17 24 00	- 5 47				434013
10715	AREQUIPA-BN	9007	4 19	8 50 18.21	19 35 36	-56 08				434023
10716	WOOMERA-BN	9003	4 19	10 07 22.92	11 09 36	-11 56				434013
10718	OLIFANTSPNTN-BN	9002	4 19	18 02 34.89	10 58 48	- 6 56				434013
30892	ADELAIDE	8596	4 19	18 42 18.6			25	33		845302
10722	AREQUIPA-BN	9007	4 19	23 49 22.41	9 08 48	10 20				434013
10724	AREQUIPA-BN	9007	4 20	1 51 07.36	6 49 24	- 5 16				434013
10725	AREQUIPA-BN	9007	4 20	1 56 32.87	8 11 36	-28 57				434023
10726	AREQUIPA-BN	9007	4 20	8 28 32.92	18 24 00	-61 00				434023
10727	AREQUIPA-BN	9007	4 20	8 33 47.65	22 06 36	- 9 34				434013
10720	WOOMERA-BN	9003	4 20	9 45 10.00	10 43 30	14 58				434013
30893	TOWNSVILLE	8578	4 20	9 45 18.6			29 40	76 46		845302
30894	TOWNSVILLE	8578	4 20	9 45 18.9			29 43	76 38		845302
30895	TOWNSVILLE	8578	4 20	9 45 17.9			30 36	76 36		845302
10721	WOOMERA-BN	9003	4 20	11 51 16.20	10 09 36	-13 56				434013
10731	AREQUIPA-BN	9007	4 20	23 29 10.00	9 29 36	- 4 49				434013
10733	AREQUIPA-BN	9007	4 21	1 31 26.11	6 59 12	-11 59				434013
10734	AREQUIPA-BN	9007	4 21	1 40 58.55	10 56 00	-55 20				434023
10735	AREQUIPA-BN	9007	4 21	8 08 43.23	19 35 00	-50 08				434023
10736	AREQUIPA-BN	9007	4 21	8 13 45.19	22 04 12	- 4 12				434013
10738	WOOMERA-BN	9003	4 21	9 23 57.98	10 36 54	14 28				434013
10737	AREQUIPA-BN	9007	4 21	10 14 26.96	17 28 06	21 02				434013
10729	WOOMERA-BN	9003	4 21	11 31 38.15	10 51 48	-20 55				434013
10738	OLIFANTSPNTN-BN	9002	4 21	17 15 15.39	8 45 36	14 16				434013
10744	AREQUIPA-BN	9007	4 21	23 10 45.90	10 33 42	- 9 12				434013
10742	AREQUIPA-BN	9007	4 22	1 04 58.67	5 40 48	- 6 12				434013
10750	VILLA DOLORES-BN	9011	4 22	1 13 29.76	7 45 18	- 2 35				434013
10743	AREQUIPA-BN	9007	4 22	1 21 09.84	12 01 24	-58 02				434023
10745	AREQUIPA-BN	9007	4 22	7 52 15.61	21 35 42	- 8 43				434013
10746	AREQUIPA-BN	9007	4 22	9 53 23.10	17 15 12	17 25				434013
10739	OLIFANTSPNTN-BN	9002	4 22	19 05 13.66	9 53 12	-40 53				434023
10748	AREQUIPA-BN	9007	4 23	0 56 22.35	9 38 24	-49 22				434023
30919	TOWNSVILLE	8578	4 23	8 40 29.1			32 29	71 11		845302
10749	AREQUIPA-BN	9007	4 23	9 32 22.93	17 07 06	14 53				434013
10740	WOOMERA-BN	9003	4 23	10 48 17.44	10 20 30	-18 44				434013
10758	OLIFANTSPNTN-BN	9002	4 23	18 42 32.10	9 07 12	-35 31				434023
10741	WOOMERA-BN	9003	4 23	19 20 47.41	16 14 06	26 00				434013
10753	AREQUIPA-BN	9007	4 24	0 24 21.61	5 37 42	- 0 05				434013
10754	AREQUIPA-BN	9007	4 24	0 33 02.76	8 29 48	-41 26				434023
10777	VILLA DOLORES-BN	9011	4 24	0 35 45.84	9 04 18	-15 56				434013
10778	VILLA DOLORES-BN	9011	4 24	0 40 35.21	11 36 24	-33 11				434023
10755	AREQUIPA-BN	9007	4 24	2 34 59.79	6 45 54	-34 02				434023
10756	AREQUIPA-BN	9007	4 24	2 39 43.25	7 44 42	-53 17				434023
10757	AREQUIPA-BN	9007	4 24	9 11 50.86	17 23 42	17 49				434013
30916	TOWNSVILLE	8578	4 24	10 27 31.1			209 19	55 21		845302
30917	TOWNSVILLE	8578	4 24	10 27 32.4			208 52	55 09		845302
30918	TOWNSVILLE	8578	4 24	10 27 34.1			208 25	54 55		845302
10759	OLIFANTSPNTN-BN	9002	4 24	18 21 56.20	9 25 48	-39 22				434023
10767	VILLA DOLORES-BN	9011	4 25	0 07 59.01	6 47 36	- 7 39				434013
10768	VILLA DOLORES-BN	9011	4 25	0 16 51.87	10 11 18	-26 12				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10760	AREQUIPA-BN	9007	4 25	2 20 44.06	8 34 00	-64 41				434023
10761	WOOMERA-BN	9003	4 25	10 05 02.88	9 53 18	-16 42				434013
30919	TOWNSVILLE	8578	4 25	10 05 50.5			209 37	56 13		845302
30920	TOWNSVILLE	8578	4 25	10 05 51.8			209 36	56 12		845302
30921	TOWNSVILLE	8578	4 25	10 05 52.9			209 09	56 04		845302
30922	ADELAIDE	8596	4 25	10 06 12.2			25	66 15		845302
10764	WOOMERA-BN	9003	4 25	12 12 11.06	9 52 30	-44 46				434023
10762	OLIFANTSFNTH-BN	9002	4 25	18 01 19.33	9 48 54	-42 47				434023
10771	VILLA DOLORES-BN	9011	4 25	23 48 55.60	7 15 42	0 22				434013
10766	AREQUIPA-BN	9007	4 25	23 54 53.87	11 18 00	-55 19				434023
10763	OLIFANTSFNTH-BN	9002	4 26	2 35 45.19	16 07 42	35 02				434013
10769	WOOMERA-BN	9003	4 26	9 43 35.98	9 44 30	-16 17				434013
30923	TOWNSVILLE	8578	4 26	9 44 13.7			209 18	57 04		845302
10770	WOOMERA-BN	9003	4 26	11 51 43.17	10 25 12	-48 20				434023
10773	OLIFANTSFNTH-BN	9002	4 26	17 38 20.66	8 47 30	-36 39				434023
10779	VILLA DOLORES-BN	9011	4 26	23 33 56.37	9 54 30	-25 37				434023
10781	VILLA DOLORES-BN	9011	4 27	1 39 29.74	9 09 30	-43 00				434023
10774	WOOMERA-BN	9003	4 27	9 21 37.94	9 40 18	-13 41				434013
30935	ADELAIDE	8528	4 27	9 22 43.2	9 37	-10 06				845302
30939	SYDNEY	0602	4 27	9 26 41.25	9 52	-25 45				845302
30940	SYDNEY	0602	4 27	9 27 01.7	10 02	-28 30				845302
10793	WOOMERA-BN	9003	4 27	11 30 20.81	10 23 24	-48 40				434023
10782	OLIFANTSFNTH-BN	9002	4 27	17 15 24.30	7 52 30	-29 41				434023
10783	OLIFANTSFNTH-BN	9002	4 27	19 25 24.21	9 20 12	-59 19				434023
10786	VILLA DOLORES-BN	9011	4 27	23 06 46.35	7 05 36	-1 00				434013
10787	VILLA DOLORES-BN	9011	4 27	23 22 07.61	14 19 42	-31 35				434023
10776	AREQUIPA-BN	9007	4 28	1 16 55.21	8 40 30	-68 57				434023
10784	WOOMERA-BN	9003	4 28	8 59 55.24	9 03 24	-11 59				434013
30924	TOWNSVILLE	8578	4 28	9 00 52.5			209 58	58 46		845302
30925	TOWNSVILLE	8578	4 28	9 00 54.7			209 15	58 13		845302
30926	TOWNSVILLE	8578	4 28	9 00 56.3			209 01	58 51		845302
30927	ADELAIDE	8528	4 28	9 01 28.8	9 33	-10 12				845302
30927	ADELAIDE	8596	4 28	9 01 32.7			31 30	62		845302
10788	WOOMERA-BN	9003	4 28	11 08 23.97	9 57 00	-47 32				434023
30937	ADELAIDE	8528	4 28	11 09 20.2	10 20	-41 12				845302
30928	ADELAIDE	8596	4 28	11 10 50.3			142 15	80		845302
10789	OLIFANTSFNTH-BN	9002	4 28	19 03 35.20	9 00 12	-58 43				434023
10800	VILLA DOLORES-BN	9011	4 28	22 55 41.28	12 10 36	-53 23				434023
10801	VILLA DOLORES-BN	9011	4 28	23 02 43.28	14 40 24	-28 48				434023
10802	VILLA DOLORES-BN	9011	4 29	0 50 47.39	6 40 30	-21 07				434013
10796	AREQUIPA-BN	9007	4 29	0 55 21.33	8 33 24	-69 24				434023
30930	TOWNSVILLE	8578	4 29	8 39 15.7			209 48	59 10		845302
30931	TOWNSVILLE	8578	4 29	8 39 17.2			209 09	59 16		845302
10790	OLIFANTSFNTH-BN	9002	4 29	16 33 29.85	8 06 12	-34 40				434023
10791	OLIFANTSFNTH-BN	9002	4 29	18 42 07.77	8 54 54	-59 27				434023
10804	VILLA DOLORES-BN	9011	4 29	22 27 06.97	8 08 06	-14 10				434013
10805	VILLA DOLORES-BN	9011	4 29	22 53 15.81	11 33 18	-32 13				434023
10798	AREQUIPA-BN	9007	4 30	0 30 58.12	6 37 42	-58 18				434023
10799	JUPITER-BN	9010	4 30	9 16 21.65	20 33 36	-30 23				434023
30929	ADELAIDE	8596	4 30	10 26 30.7			175	83 45		845302
30938	ADELAIDE	8528	4 30	10 26 31.1	10 12 30	-41 36				845302
10792	ORGAN PASS-BN	9001	4 30	11 17 14.61	21 32 24	-25 38				434023
10795	WOOMERA-BN	9003	4 30	12 30 08.81	8 48 00	-48 05				434023
10807	OLIFANTSFNTH-BN	9002	4 30	16 12 28.11	8 12 48	-36 34				434023
10808	OLIFANTSFNTH-BN	9002	4 30	18 20 31.84	8 43 36	-59 43				434023
10812	VILLA DOLORES-BN	9011	5 01	0 11 53.22	7 39 18	-38 03				434023
10813	VILLA DOLORES-BN	9011	5 01	0 17 28.43	11 34 30	-52 20				434023
30941	SYDNEY	0602	5 01	8 00 11.0	8 54	-23 12				845302
10809	WOOMERA-BN	9003	5 01	10 03 39.28	9 24 30	-47 13				434023
30932	ADELAIDE	0600	5 01	10 04 30			204	84 30		845302
30933	ADELAIDE	0600	5 01	10 04 32			201 30	84 30		845302
30934	ADELAIDE	0600	5 01	10 04 40			187 30	84 30		845302
10806	ORGAN PASS-BN	9001	5 01	10 55 22.78	20 39 06	-29 51				434023
30952	PERTH	0601	5 01	12 05 06.8			190 00	70 10		845302
10810	WOOMERA-BN	9003	5 01	12 10 59.62	10 12 30	-55 05				434023
10818	OLIFANTSFNTH-BN	9002	5 01	17 59 20.28	8 52 00	-61 24				434023
10816	AREQUIPA-BN	9007	5 02	0 00 48.82	15 33 00	-52 05				434023
10819	SHIRAZ-BN	9008	5 02	0 44 38.05	20 12 30	-19 49				434013
10817	AREQUIPA-BN	9007	5 02	1 58 16.00	8 34 54	-72 40				434023
10811	CURACAO-BN	9009	5 02	8 34 56.13	18 05 06	30 18				434013
10814	WOOMERA-BN	9003	5 02	9 42 04.31	9 13 12	-47 07				434023
30942	SYDNEY	0602	5 02	9 47 21.0	10 24 54	-49 42				845302
10825	OLIFANTSFNTH-BN	9002	5 02	17 36 14.95	7 31 24	-56 11				434023
10822	AREQUIPA-BN	9007	5 02	23 34 12.47	13 31 06	-67 19				434023
10823	SHIRAZ-BN	9008	5 03	0 24 20.43	20 38 12	-13 49				434013
10824	CURACAO-BN	9009	5 03	8 13 57.18	18 06 24	29 36				434013
30943	ADELAIDE	8596	5 03	9 21 33.2			170 30	83 30		845302
30953	PERTH	0601	5 03	11 21 42.6			190 00	70 40		845302
10834	VILLA DOLORES-BN	9011	5 03	23 10 36.29	9 18 36	-50 27				434023
10827	SHIRAZ-BN	9008	5 04	0 06 44.01	22 59 18	6 59				434013
10835	VILLA DOLORES-BN	9011	5 04	1 08 38.36	6 06 12	-27 28				434023
10832	AREQUIPA-BN	9007	5 04	1 18 20.85	12 47 42	-75 45				434023
30955	PERTH	0601	5 04	10 49 37.0			200 00	70 40		845302
10837	OLIFANTSFNTH-BN	9002	5 04	16 57 35.00	11 30 54	-63 52				434023
10838	OLIFANTSFNTH-BN	9002	5 04	19 01 25.54	8 53 10	-60 56				434023
10866	VILLA DOLORES-BN	9011	5 04	22 47 47.04	8 04 30	-47 04				434023
10861	SHIRAZ-BN	9008	5 04	23 38 57.95	17 45 30	-29 14				434023

OS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10847	VILLA DOLORES-BN	9011	5 05	0 52 57.96	7 50 30	-46 12				434023
10839	AREQUIPA-BN	9007	5 05	0 53 20.83	7 53 42	-74 10				434023
10840	JUPITER-BN	9010	5 05	7 51 58.00	19 52 48	-20 07				434013
10833	CURACAO-BN	9009	5 05	7 52 14.49	18 24 48	31 08				434013
30947	SYDNEY	0402	5 05	8 42 15.2	9 34	-49 04				845042
10843	JUPITER-BN	9010	5 05	9 37 05.81	19 37 24	30 21				434013
10850	MOONERA-BN	9003	5 05	10 47 38.09	12 14 36	-54 29				434023
10844	OLIFANTSPHYN-BN	9002	5 05	16 28 54.98	5 17 42	-43 25				434023
10846	OLIFANTSPHYN-BN	9002	5 05	16 29 10.29	10 32 00	-63 04				434023
30984	NITAKA	0229	5 05	17 26 24.4			143 18	22 36		845303
10854	TOKYO-BN	9005	5 05	17 27 14.90	20 29 12	-18 35				434013
10484	OLIFANTSPHYN-BN	9002	5 05	18 40 25.52	9 12 12	-62 57				434023
10842	SHIRAZ-BN	9008	5 05	23 23 57.57	21 53 06	4 08				434013
10853	SAN FERNANDO-BN	9004	5 06	3 19 14.70	20 19 42	-17 36				434013
10851	MOONERA-BN	9003	5 06	10 24 04.86	10 21 30	-57 38				434023
30944	ADELAIDE	8594	5 06	10 24 43			179 45	75 45		845302
10841	ORGAN PASS-BN	9001	5 06	11 11 00.21	16 11 42	-14 02				434013
10842	ORGAN PASS-BN	9001	5 06	11 14 13.03	18 15 36	2 08				434013
30954	ALBUQUERQUE	8534	5 06	11 14 35.5	18 44 00	- 5 18				845042
30957	ALBUQUERQUE	8534	5 06	11 15 34.0	19 45 12	0 54				845042
10843	ORGAN PASS-BN	9001	5 06	11 18 27.72	23 18 30	24 03				434013
10872	NAUJ-BN	9012	5 06	13 08 25.28	19 42 18	16 06				434013
10860	AREQUIPA-BN	9007	5 07	0 16 22.08	14 36 54	-64 33				434023
10870	VILLA DOLORES-BN	9011	5 07	0 18 35.02	13 45 06	-40 47				434023
10855	SAN FERNANDO-BN	9004	5 07	2 56 02.04	18 44 42	-25 31				434023
10854	SAN FERNANDO-BN	9004	5 07	3 00 20.36	21 24 06	- 6 54				434013
10877	JUPITER-BN	9010	5 07	8 52 42.54	16 59 42	7 20				434013
10878	JUPITER-BN	9010	5 07	8 54 18.05	21 05 54	35 26				434013
30945	N. CANTON	8559	5 07	8 57 30.5	21 07 05	- 8 59				845013
10947	ADELAIDE	8596	5 07	10 02 57			180	75 15		845302
10949	ADELAIDE	8528	5 07	10 03 34.6	10 44	-49 18				845002
30948	ADELAIDE	8596	5 07	10 05 02.5			128	67		845302
30940	SACRAMENTO	8517	5 07	10 51 15.9			153	26 30		841303
30956	ALBUQUERQUE	8534	5 07	10 54 00.1	19 02 48	- 1 39				845042
30959	ALBUQUERQUE	8534	5 07	10 54 42.8	19 48 48	3 24				845042
10852	MOONERA-BN	9003	5 07	12 04 25.52	7 58 54	-40 49				434023
10897	OLIFANTSPHYN-BN	9002	5 07	18 01 48.36	13 12 00	-57 19				434023
10898	OLIFANTSPHYN-BN	9002	5 07	18 02 45.37	13 45 54	-53 09				434023
10899	OLIFANTSPHYN-BN	9002	5 07	20 00 05.10	8 02 04	-41 39				434023
10881	VILLA DOLORES-BN	9011	5 07	23 48 51.49	7 27 00	-49 38				434023
10882	VILLA DOLORES-BN	9011	5 07	23 58 20.84	14 07 24	-54 58				434023
10880	SHIRAZ-BN	9008	5 08	0 45 40.43	18 26 38	39 52				434013
10880	JUPITER-BN	9010	5 08	8 33 21.77	18 33 12	22 52				434013
10874	MOONERA-BN	9003	5 08	9 40 31.00	9 38 54	-58 33				434023
30994	ADELAIDE	8528	5 08	9 42 10.7	10 42 30	-49 06				845042
30948	SYDNEY	0402	5 08	9 45 45.2	11 02 30	-47 36				845042
30941	SACRAMENTO	8517	5 08	10 30 09.8			150	26 48		841303
10873	ORGAN PASS-BN	9001	5 08	10 33 10.00	19 07 36	11 00				434013
10875	MOONERA-BN	9003	5 08	11 48 22.29	11 05 36	-43 56				434023
10889	TOKYO-BN	9005	5 08	16 23 30.90	19 30 06	-17 22				434013
30988	NITAKA	0229	5 08	16 23 40.0			134 00	23 36		845303
10883	OLIFANTSPHYN-BN	9002	5 08	17 34 51.37	7 50 54	-45 27				434023
10884	OLIFANTSPHYN-BN	9002	5 08	17 37 48.79	11 04 36	-44 55				434023
30999	PRETORIA	8575	5 08	17 38 06.7			171 36	49 42		845303
10885	OLIFANTSPHYN-BN	9002	5 08	17 41 03.89	13 35 54	-53 08				434023
10890	TOKYO-BN	9005	5 08	18 27 01.80	18 25 30	4 15				434013
30986	NITAKA	0229	5 08	18 28 02.4			155 18	63 06		845303
10886	OLIFANTSPHYN-BN	9002	5 08	19 40 09.23	8 29 00	-44 33				434023
10902	VILLA DOLORES-BN	9011	5 08	23 27 34.10	7 22 30	-51 05				434023
10892	AREQUIPA-BN	9007	5 08	23 37 57.11	15 22 48	-44 31				434023
10893	AREQUIPA-BN	9007	5 09	1 29 59.74	6 20 30	-54 05				434023
10894	AREQUIPA-BN	9007	5 09	1 34 19.57	10 39 36	-60 31				434023
30949	ST. PETERSBURG	8604	5 09	8 11 57.1	18 50 50	16 21				845032
30950	ST. PETERSBURG	8604	5 09	8 12 55.8	19 31 55	19 48				845032
10896	MOONERA-BN	9003	5 09	9 18 42.49	9 12 00	-59 02				434023
30995	ADELAIDE	8528	5 09	9 20 44.5	10 42	-49				845042
30970	SYDNEY	0402	5 09	9 24 01.9	10 44	-48 06				845042
10891	ORGAN PASS-BN	9001	5 09	10 11 52.44	18 44 24	10 03				434013
30951	PORT WORTH	0139	5 09	10 14 14.34	18 54 12	26 48				845013
30996	ADELAIDE	8528	5 09	11 28 09.8	11 37	-52 06				845042
30942	SACRAMENTO	8517	5 09	12 14 37.7	19 53 18	12 39				841013
10900	TOKYO-BN	9005	5 09	16 03 42.10	19 56 18	-11 01				434013
10908	OLIFANTSPHYN-BN	9002	5 09	17 15 54.06	10 37 18	-66 00				434023
31008	PRETORIA	8575	5 09	17 16 29.1			171 36	48 54		845303
10909	OLIFANTSPHYN-BN	9002	5 09	17 21 52.65	14 22 00	-41 45				434023
10901	TOKYO-BN	9005	5 09	18 06 09.20	18 30 00	6 17				434013
10910	OLIFANTSPHYN-BN	9002	5 09	19 21 14.18	9 45 36	-46 57				434023
10917	RAINI TAL-BN	9006	5 09	22 02 05.04	17 52 12	29 38				434013
10904	AREQUIPA-BN	9007	5 09	23 07 18.27	10 22 00	-79 48				434023
10905	AREQUIPA-BN	9007	5 10	1 16 30.13	12 18 54	-66 03				434023
30917	SPETSAI	8678	5 10	1 59 07.4			22 35 42	51 36 36		834309
30976	RADISON	0148	5 10	7 51 38.64	19 22 48	-16 37				845012
30997	ADELAIDE	8528	5 10	8 57 50	9 16	-50 36				845042
10918	MOONERA-BN	9003	5 10	9 00 04.39	11 48 42	-52 31				434023
30971	SYDNEY	0402	5 10	9 02 15.0	10 25	-48 54				845042
10907	ORGAN PASS-BN	9001	5 10	9 30 50.60	18 42 36	11 00				434013
30943	PORT WORTH	0139	5 10	9 52 57.16	18 32 54	25 03				845013
30944	CINCINNATI	0050	5 10	9 54 51.4			163 12	68 42		845302
10916	MOONERA-BN	9003	5 10	11 04 19.66	11 34 06	-41 50				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10911	OLIFANTSFNTH-BN	9002	5 10	16 55 39.30	11 49 12	-62 43				434023
10912	OLIFANTSFNTH-BN	9002	5 10	18 54 39.78	4 56 48	-42 22				434023
10913	OLIFANTSFNTH-BN	9002	5 10	18 59 02.05	9 10 08	-47 49				434023
10914	OLIFANTSFNTH-BN	9002	5 10	19 01 27.32	10 48 30	-45 33				434023
10924	VILLA DOLORES-BN	9011	5 10	22 42 04.84	5 17 00	-41 32				434023
10925	VILLA DOLORES-BN	9011	5 10	22 57 05.61	14 25 54	-21 28				434013
10922	SHIRAZ-BN	9008	5 10	23 45 13.77	23 49 12	56 37				434013
30972	CINCINNATI	0050	5 11	2 30 34.5			145 54	33 42		845302
30974	CINCINNATI	0050	5 11	5 30 59	20 16 06	- 8 18				845304
30920	JUPITER-BN	9010	5 11	7 33 12.54	21 16 30	33 05				434013
30979	ADELAIDE	8596	5 11	8 37 32.4			142 30	70		845302
30918	JUPITER-BN	9010	5 11	9 34 42.00	15 49 06	57 09				434013
30973	CINCINNATI	0050	5 11	9 35 42			162 42	68 48		845302
30980	ADELAIDE	0400	5 11	10 44 31			318 30	87 30		845302
30921	WOOMERA-BN	9003	5 11	10 44 50.53	11 31 48	-41 50				434023
30998	ADELAIDE	8528	5 11	10 47 13.7	12 33	-24 48				845302
10928	OLIFANTSFNTH-BN	9002	5 11	16 28 38.20	5 37 48	-59 51				434023
10929	OLIFANTSFNTH-BN	9002	5 11	16 32 31.73	10 06 42	-67 43				434023
31001	PRETORIA	8575	5 11	16 32 51.7			173 00	47 12		845303
10935	VILLA DOLORES-BN	9011	5 11	22 25 47.88	9 26 06	-57 08				434023
10923	SHIRAZ-BN	9008	5 11	23 21 19.63	20 53 12	43 34				434013
10936	VILLA DOLORES-BN	9011	5 12	0 34 41.01	11 29 00	-32 07				434023
30977	MADISON	0148	5 12	7 09 01.25	18 47 12	-15 28				845012
10927	JUPITER-BN	9010	5 12	7 12 13.08	21 06 00	32 23				434013
30978	MADISON	0148	5 12	9 13 52.90	19 25 42	2 06				845012
30975	N. CANTON	8599	5 12	9 16 47.1	21 05 14	17 18				845013
30994	CHENGCHOW	1287	5 12	19 01 34.0	17 44 42	18 00				845009
30995	CHENGCHOW	1287	5 12	19 09 48.5	21 41 00	27 12				845009
10941	AREQUIPA-BN	9007	5 13	0 15 44.36	14 14 24	-48 02				434023
10942	AREQUIPA-BN	9007	5 13	2 15 29.04	9 29 42	-43 58				434023
10948	CURACAO-BN	9009	5 13	6 48 21.68	15 14 00	64 48				434013
30987	CINCINNATI	0050	5 13	6 48 34			135 12	32 54		845302
30988	CINCINNATI	0050	5 13	8 53 22			161 54	68 00		845302
10935	JUPITER-BN	9010	5 13	8 53 41.23	17 39 06	69 00				434013
10931	WOOMERA-BN	9003	5 13	10 01 00.66	10 45 24	-48 01				434023
30989	ALBUQUERQUE	8534	5 13	10 52 44.1	18 03 12	41 57				845042
10932	WOOMERA-BN	9003	5 13	12 07 38.62	10 46 18	-12 59				434013
10939	TOKYO-BN	9005	5 13	16 42 13.20	18 29 30	12 02				434013
31046	HITAKA	0229	5 13	16 42 22.7			137 54	61 18		845303
31006	SHANGHAI	1278	5 13	18 42 24.9	17 40 30	41 12				845009
31007	SHANGHAI	1278	5 13	18 43 37.6	19 17 54	47 54				845009
10940	TOKYO-BN	9005	5 13	18 49 06.10	21 43 24	48 40				434013
31004	TIENTSIN	1281	5 13	20 41 40.5	19 12 36	0 18				845009
31005	TIENTSIN	1281	5 13	20 43 47.5	20 54 06	4 48				845009
31003	STALINABAD	1047	5 13	22 41 23.61	18 21 36	21 48				845009
31000	BATUMI	1009	5 14	0 42 58.6			112 20	48 48		845309
10947	SHIRAZ-BN	9008	5 14	0 43 04.21	18 35 00	73 29				434013
31001	BATUMI	1009	5 14	0 43 26.9			106 32	43 14		845309
31002	BATUMI	1009	5 14	0 44 34.3			97 20	32 22		845309
10944	AREQUIPA-BN	9007	5 14	1 34 04.64	9 23 12	-44 40				434023
30823	MEUDON	2715	5 14	2 32 20.2			107 52	21 19		637102
30824	MEUDON	2715	5 14	2 32 49.3			105 19	22 50		637102
30825	MEUDON	2715	5 14	2 33 11.2			103 12	23 57		637102
30826	MEUDON	2715	5 14	2 33 33.7			100 50	25 07		637102
30827	MEUDON	2715	5 14	2 33 52.3			190 48	26 02		637102
30828	MEUDON	2715	5 14	2 35 17.1			187 22	29 58		637102
30829	MEUDON	2715	5 14	2 35 46.0			182 41	31 01		637102
30830	MEUDON	2715	5 14	2 36 22.0			174 26	32 17		637102
30831	MEUDON	2715	5 14	2 36 53.7			170 13	32 39		637102
30832	MEUDON	2715	5 14	2 38 34.2			149 30	31 35		637102
30833	MEUDON	2715	5 14	2 38 53.1			145 37	30 51		637102
30834	MEUDON	2715	5 14	2 39 11.1			142 02	30 02		637102
30835	MEUDON	2715	5 14	2 39 30.8			138 12	29 01		637102
30836	MEUDON	2715	5 14	2 40 16.3			130 04	26 10		637102
30837	MEUDON	2715	5 14	2 40 38.6			126 29	24 38		637102
30990	CINCINNATI	0050	5 14	6 27 48.0	18 50 54	- 4 35				845304
10957	JUPITER-BN	9010	5 14	8 30 12.78	15 09 00	47 30				434013
30991	CINCINNATI	0050	5 14	8 32 04			161 30	68 36		845302
30981	ST. PETERSBURG	8604	5 14	8 32 36.7	19 14 50	66 40				845012
30982	N. CANTON	8536	5 14	8 32 37.0	18 48 30	13 26				845012
10958	JUPITER-BN	9010	5 14	8 34 06.21	21 32 12	69 07				434013
10933	WOOMERA-BN	9003	5 14	9 39 22.86	10 33 24	-45 50				434023
10934	WOOMERA-BN	9003	5 14	11 42 04.53	8 45 00	-23 12				434023
10937	MAUI-BN	9012	5 14	12 22 16.34	15 34 18	50 40				434013
10938	MAUI-BN	9012	5 14	14 30 02.43	14 11 48	78 08				434013
10949	OLIFANTSFNTH-BN	9002	5 14	17 34 50.27	9 58 48	-49 43				434023
10950	OLIFANTSFNTH-BN	9002	5 14	17 36 57.21	11 32 00	-42 22				434023
31002	PRETORIA	8575	5 14	17 37 03.8			156 00	70 42		845303
10951	OLIFANTSFNTH-BN	9002	5 14	17 42 56.14	14 02 12	-13 37				434013
10965	NAINI TAL-BN	9006	5 14	20 15 32.65	16 54 42	24 27				434013
10967	SHIRAZ-BN	9008	5 14	22 15 46.39	17 57 48	39 05				434013
50999	SAMARKAND	1043	5 14	22 20 18.9	19 05 18	32 24				845009
10966	NAINI TAL-BN	9006	5 14	22 22 40.06	17 53 54	69 29				434013
51708	EREVAN	1018	5 15	0 19 04.7	17 46 42	19 18				845009
51709	EREVAN	1018	5 15	0 19 39.4	18 20 36	21 42				845009
51710	EREVAN	1018	5 15	0 20 36.0	19 25 54	24 30				845009
51711	EREVAN	1018	5 15	0 21 16.5	20 16 18	25 24				845009
51712	EREVAN	1018	5 15	0 21 42.0	20 46 42	25 24				845009
50996	BATUMI	1009	5 15	0 21 45.9			112 08	49 20		845309
10968	SHIRAZ-BN	9008	5 15	0 21 46.74	18 13 06	71 21				434013
50997	BATUMI	1009	5 15	0 22 14.3			105 48	44 46		845309

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90998	BATUMI	1009	5 15	0 23 28.4			97 14	32 58		845309
10994	AREQUIPA-BN	9007	5 15	1 34 39.54	10 22 42	-42 33				434023
90942	SPETSAL	8078	5 15	2 20 02.3			118 18 00	79 20 42		834309
10961	JUPITER-BN	9010	5 15	6 04 56.14	19 05 00	28 00				434013
10962	JUPITER-BN	9010	5 15	6 08 17.66	20 01 48	30 20				434013
10963	ORGAN PASS-BN	9001	5 15	8 05 07.11	18 07 36	14 02				434013
10959	JUPITER-BN	9010	5 15	8 08 06.08	14 40 30	40 29				434013
90983	N. CANTON	8599	5 15	8 12 45.5	19 41 00	18 08				845013
10952	WOONERA-BN	9003	5 15	9 17 47.71	10 22 24	-46 34				434023
91003	TOWNVILLE	8578	5 15	9 23 44.9			149 42	50 39		845302
90992	SACRAMENTO	8517	5 15	10 07 32.1	18 30 54	14 14				641013
10964	ORGAN PASS-BN	9001	5 15	10 10 26.95	17 53 12	52 38				434013
10953	WOONERA-BN	9003	5 15	11 25 44.68	11 01 00	- 8 50				434013
10971	OLIFANTSFNTH-BN	9002	5 15	17 08 18.53	5 58 00	-48 11				434023
10972	OLIFANTSFNTH-BN	9002	5 15	17 14 41.88	10 56 54	-45 50				434023
10973	OLIFANTSFNTH-BN	9002	5 15	17 20 57.96	13 45 48	-15 05				434013
91018	TIENTSIN	1282	5 15	17 59 57.0	18 17 00	11 18				845009
91019	TIENTSIN	1282	5 15	18 01 41.1	19 41 30	16 30				845009
91047	KANAYA MACHI	0220	5 15	18 04 48.2	19 10 48	44 44				845012
10983	SHIRAZ-BN	9008	5 15	21 55 19.48	18 00 00	31 17				434013
91020	SAHARKAND	1043	5 15	21 58 21.0	11 03 24	17 48				845009
91021	SAHARKAND	1043	5 15	21 58 43.5	14 22 42	18 48				845009
91022	SAHARKAND	1043	5 15	22 03 33.5	22 35 30	19 18				845009
91023	ASHKHAHAD	1006	5 15	22 16 50.5	17 31 42	11 18				845009
91024	ASHKHAHAD	1006	5 15	22 17 40.5	18 32 18	16 24				845009
91025	ASHKHAHAD	1006	5 15	22 18 16.0	20 05 30	20 30				845009
91026	ASHKHAHAD	1006	5 15	22 20 27.9	20 49 18	21 00				845009
10994	SHIRAZ-BN	9008	5 16	0 00 02.98	17 06 18	66 33				434013
91013	EREVAN	1018	5 16	0 02 10.3	22 07 18	22 42				845009
91014	EREVAN	1018	5 16	0 02 17.3	22 13 24	22 24				845009
91015	EREVAN	1018	5 16	0 03 11.6	22 52 18	19 48				845009
91016	EREVAN	1018	5 16	0 03 30.1	23 04 12	18 48				845009
91017	EREVAN	1018	5 16	0 03 35.3	23 06 42	18 36				845009
10988	SAN FERNANDO-BN	9004	5 16	1 34 25.83	20 07 30	21 28				434013
90943	SPETSAL	8078	5 16	1 34 41.2			84 53 24	56 57 36		834309
90944	SPETSAL	8078	5 16	2 00 11.7			242 08 42	73 12 36		834309
10975	JUPITER-BN	9010	5 16	7 49 35.99	16 57 00	62 35				434013
90993	N. CANTON	8599	5 16	7 51 59.5	19 41 10	18 10				845013
10976	WOONERA-BN	9003	5 16	8 34 00.18	9 39 48	-48 15				434023
10978	WOONERA-BN	9003	5 16	11 04 00.52	10 46 42	- 9 33				434013
91004	TOWNVILLE	8578	5 16	11 09 22.5			289 08	77 01		845302
10979	WOONERA-BN	9003	5 16	13 07 23.54	9 57 04	7 39				434013
10976	OLIFANTSFNTH-BN	9002	5 16	18 58 10.50	9 43 54	-13 56				434013
10977	OLIFANTSFNTH-BN	9002	5 16	19 02 59.50	11 45 24	5 04				434013
10985	SHIRAZ-BN	9008	5 16	21 34 22.89	18 46 36	37 13				434013
91104	TCHARJOU	1061	5 16	21 35 10.4	17 03 12	12 42				845009
91105	TCHARJOU	1061	5 16	21 39 46.7	20 57 06	22 04				845009
91106	EREVAN	1018	5 16	23 36 31.9	17 25 12	20 00				845009
91107	EREVAN	1018	5 16	23 37 37.6	18 27 12	23 48				845009
91108	EREVAN	1018	5 16	23 38 08.1	18 59 24	24 54				845009
91109	EREVAN	1018	5 16	23 38 26.8	19 19 18	25 24				845009
10996	SHIRAZ-BN	9008	5 16	23 39 12.45	17 51 36	68 01				434013
91110	EREVAN	1018	5 16	23 40 27.9	21 22 06	24 18				845009
10991	SAN FERNANDO-BN	9004	5 17	1 32 34.44	19 25 06	20 44				434013
90944	NEUBON	2715	5 17	1 32 43.90			70 26	55 01		637102
90945	NEUBON	2715	5 17	1 33 00.90			167 23	55 18		637102
90946	NEUBON	2715	5 17	1 33 19.10			164 04	55 23		637102
90947	NEUBON	2715	5 17	1 33 37.00			156 52	55 13		637102
90948	NEUBON	2715	5 17	1 34 24.00			151 58	54 49		637102
90949	NEUBON	2715	5 17	1 34 43.00			148 19	54 18		637102
90950	NEUBON	2715	5 17	1 35 06.90			144 01	53 30		637102
90951	NEUBON	2715	5 17	1 35 33.60			139 12	52 12		637102
90952	NEUBON	2715	5 17	1 35 56.20			135 20	51 15		637102
90953	NEUBON	2715	5 17	1 36 17.60			131 49	50 03		637102
90954	NEUBON	2715	5 17	1 36 43.00			127 51	48 30		637102
90955	NEUBON	2715	5 17	1 37 13.90			123 22	46 28		637102
90943	SPETSAL	8078	5 17	1 37 37.6			123 18 36	63 00 00		834309
90944	NEUBON	2715	5 17	1 37 51.90			118 21	23 48		637102
90946	SPETSAL	8078	5 17	1 39 51.1			252 10 30	60 03 00		834309
10998	JUPITER-BN	9010	5 17	7 26 42.23	15 16 00	50 28				434013
91005	ST. PETERSBURG	8404	5 17	7 28 07.0	17 32 00	59 20				845032
91007	STATE COLLEGE	84 3	5 17	7 28 14.4			211 00	60 00		845302
91006	ST. PETERSBURG	84 4	5 17	7 31 53.9	22 14 30	51 10				845032
91008	ADELAIDE	8596	5 17	8 34 36.3			160	87		845302
91009	ADELAIDE	8597	5 17	8 38 41	11 59	-19 42				845042
10987	WOONERA-BN	9003	5 17	10 42 10.59	10 32 48	-10 10				434013
91011	TOWNVILLE	8578	5 17	10 48 33.9			326 19	80 01		845302
91005	HAUJ-BN	9012	5 17	11 19 58.45	16 46 54	56 27				434013
11004	HAUJ-BN	9012	5 17	13 26 37.29	15 23 00	80 33				434013
10994	OLIFANTSFNTH-BN	9002	5 17	16 25 41.02	5 28 24	-50 25				434023
10995	OLIFANTSFNTH-BN	9002	5 17	18 32 05.25	7 37 00	-24 28				434023
10991	SHIRAZ-BN	9008	5 17	21 12 24.93	18 01 48	34 58				434013
91111	ASHKHAHAD	1006	5 17	21 14 04.5	17 57 36	16 42				845009
91112	ASHKHAHAD	1006	5 17	21 14 32.0	18 12 12	18 30				845009
91113	ASHKHAHAD	1006	5 17	21 15 03.0	18 36 36	19 42				845009
91114	TASHKENT	1052	5 17	21 17 42.6			138 00	63 50		845309
10998	SAN FERNANDO-BN	9004	5 17	23 09 23.07	19 18 00	5 04				434013
90957	RODEWISH	2733	5 17	23 09 26.2	17 32 42	-12 54				834009
91087	EREVAN	1018	5 17	23 14 11.6	16 29 06	16 36				845009
91088	EREVAN	1018	5 17	23 14 58.6	17 03 54	19 30				845009
91089	EREVAN	1018	5 17	23 16 08.2	18 04 30	23 36				845009
91090	EREVAN	1018	5 17	23 19 35.5	21 21 00	24 00				845009
91091	EREVAN	1018	5 17	23 20 37.0	22 05 00	21 18				845009
90859	RODEWISH	2733	5 18	1 11 32.6	16 40 12	- 6 48				834009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
90947	SPETSAI	8078	5 18	1 12 26.3			83 35 24	43 48 00		834309
90948	SPETSAI	8078	5 18	1 14 54.0			89 25 48	61 42 00		834309
90860	RODEWISH	2733	5 18	1 15 52.8	19 14 36	- 1 24				834009
91448	BAJA	1113	5 18	1 17 48.45			138 07 12	45 46 48		845309
91449	BAJA	1113	5 18	1 18 09.22			133 12 00	43 40 48		845309
91450	BAJA	1113	5 18	1 18 35.81			127 48 00	40 58 48		845309
10999	SAN FERNANDO-BN	9004	5 18	3 13 55.61	17 05 12	40 34				434013
11000	JUPITER-BN	9010	5 18	7 03 30.94	14 11 00	37 21				434013
91012	N. CANTON	8559	5 18	7 07 20.2	17 35 12	19 53				845013
11002	JUPITER-BN	9010	5 18	9 12 21.03	15 27 30	49 35				434013
91013	FORT BELVOIR	8606	5 18	9 14 46.2			180 00	89		845302
10993	WOOMERA-BN	9003	5 18	10 20 34.88	10 17 36	-11 00				434013
91010	ADELAIDE	0600	5 18	10 21 11.2			324	55		845302
91016	TOMNSVILLE	8578	5 18	10 26 46.3			331 05	81 49		845302
10997	WOOMERA-BN	9003	5 18	12 27 55.49	10 33 36	19 35				434013
11005	OLIFANTSFMTH-BN	9002	5 18	16 09 35.99	9 52 18	-52 02				434013
11008	OLIFANTSFMTH-BN	9002	5 18	18 13 07.22	8 26 06	-20 23				434013
11009	OLIFANTSFMTH-BN	9002	5 18	18 18 17.30	10 48 48	- 1 30				434013
11010	OLIFANTSFMTH-BN	9002	5 18	18 25 27.18	13 27 54	24 55				434013
91096	LANCHOW	1273	5 18	18 56 57.6	17 30 18	34 48				845009
91097	LANCHOW	1273	5 18	18 58 57.2	18 49 06	39 36				845009
91092	TIENTSIN	1282	5 18	18 59 06.1	16 06 12	29 48				845009
91093	TIENTSIN	1282	5 18	19 02 43.3	19 47 12	35 54				845009
91094	YUNGING	1291	5 18	19 04 23.0	0 17 36	51 06				845009
91095	YUNGING	1291	5 18	19 04 50.1	0 26 00	48 48				845009
11011	OLIFANTSFMTH-BN	9002	5 18	20 19 13.56	9 18 12	6 20				434013
11012	OLIFANTSFMTH-BN	9002	5 18	20 22 42.08	10 07 24	16 59				434013
11035	SHIRAZ-BN	9008	5 18	20 49 55.87	16 58 18	30 34				434013
91098	STALINABAD	1047	5 18	20 53 57.0	16 53 00	20 18				845009
91115	TIMWA	1281	5 18	20 57 56.8	16 49 18	14 00				845009
91116	TIMWA	1281	5 18	21 01 53.7	20 21 12	17 48				845009
91099	EREVAN	1018	5 18	22 54 56.8	18 03 18	24 06				845009
91100	EREVAN	1018	5 18	22 56 21.4	19 20 00	26 00				845009
91101	EREVAN	1018	5 18	22 57 01.7	19 58 00	26 00				845009
91102	EREVAN	1018	5 18	22 57 53.4	20 42 06	24 54				845009
11036	SHIRAZ-BN	9008	5 18	22 58 35.63	21 20 24	62 43				434013
91103	EREVAN	1018	5 18	22 58 59.1	21 30 42	22 42				845009
11013	VILLA DOLORES-BN	9011	5 19	0 08 14.28	9 15 18	- 7 15				434013
11029	SAN FERNANDO-BN	9004	5 19	0 30 01.38	19 00 18	20 59				434013
90949	SPETSAI	8078	5 19	0 55 36.0			226 10 48	83 44 24		834309
11015	JUPITER-BN	9010	5 19	6 43 26.90	14 48 36	46 35				434013
11016	JUPITER-BN	9010	5 19	6 45 08.77	16 17 00	57 12				434013
91014	ST. PETERSBURG	8604	5 19	6 45 44	17 51 18	57 10				845012
11017	JUPITER-BN	9010	5 19	8 49 37.45	14 28 30	58 11				434013
11018	JUPITER-BN	9010	5 19	8 56 13.02	0 45 30	50 40				434013
91021	ADELAIDE	0600	5 19	9 52 28.5			269	32 15		845303
91022	ADELAIDE	0600	5 19	9 58 54.2			331 42	55 20		845303
11023	WOOMERA-BN	9003	5 19	9 58 59.39	10 06 06	-11 15				434013
91023	ADELAIDE	0600	5 19	10 02 48.8			13 08	43 30		845303
11042	MAUI-BN	9012	5 19	10 37 08.97	16 37 06	54 05				434013
11024	WOOMERA-BN	9003	5 19	12 06 10.39	10 20 24	19 39				434013
11043	MAUI-BN	9012	5 19	12 43 31.64	19 07 30	76 43				434013
91077	CAPETOWN	0402	5 19	17 51 18.2			325 06	58 06		845303
91117	TIENTSIN	1282	5 19	18 38 29.1	14 28 48	29 48				845009
11020	OLIFANTSFMTH-BN	9002	5 19	20 06 12.00	11 13 42	34 24				434013
91118	TIMWA	1281	5 19	20 35 59.9	16 17 36	13 30				845009
91120	STALINABAD	1047	5 19	20 36 00.0	19 52 00	27 30				845009
91119	TIMWA	1281	5 19	20 37 04.5	16 58 48	16 00				845009
91137	PRUMZE	1058	5 19	20 40 24.1	19 43 00	18 18				845009
11044	SHIRAZ-BN	9008	5 19	22 35 25.04	17 52 42	64 40				434013
11040	VILLA DOLORES-BN	9011	5 19	23 41 09.91	6 26 18	-19 55				434013
11041	VILLA DOLORES-BN	9011	5 19	23 52 50.30	11 42 42	15 31				434013
91121	LVOV	1031	5 20	0 34 20.3	18 10 00	2 48				845009
91122	LVOV	1031	5 20	0 35 24.2	19 54 00	3 18				845009
11045	SHIRAZ-BN	9008	5 20	0 42 14.59	21 15 42	69 30				434013
11030	SAN FERNANDO-BN	9004	5 20	2 29 49.39	19 38 36	33 21				434013
11051	JUPITER-BN	9010	5 20	6 23 04.07	19 34 06	52 53				434013
11052	JUPITER-BN	9010	5 20	6 24 46.44	17 29 12	60 00				434013
90867	DIEGO-P	5095	5 20	8 20 20.0	16 38 00	32 48				637049
11053	JUPITER-BN	9010	5 20	8 31 48.65	20 36 12	76 27				434013
91024	ADELAIDE	8596	5 20	9 37 03.2			330	56 15		845302
11025	WOOMERA-BN	9003	5 20	9 37 13.58	9 48 12	-12 19				434013
91025	ADELAIDE	8597	5 20	9 37 40.6	9 55	- 1 30				845042
91048	SACRAMENTO	8517	5 20	10 26 20.8			180 00	89 39		641304
11026	WOOMERA-BN	9003	5 20	11 44 32.03	10 07 36	19 52				434013
91123	BLAGVSTCHNSK	1010	5 20	16 19 24.4	19 15 00	1 54				845009
91124	BLAGVSTCHNSK	1010	5 20	16 23 48.8	21 22 00	1 30				845009
91129	SWATOW	1292	5 20	18 14 42.4	13 31 54	54 24				845009
91125	PEIPING	1271	5 20	18 16 24.5	16 03 12	29 00				845009
91130	SWATOW	1292	5 20	18 18 02.3	16 38 00	76 42				845009
91126	PEIPING	1271	5 20	18 19 41.2	19 01 18	32 48				845009
91127	TIENTSIN	1282	5 20	18 24 57.9	19 10 30	36 06				845009
91128	TIENTSIN	1282	5 20	18 27 12.6	21 20 00	38 06				845009
11046	SHIRAZ-BN	9008	5 20	20 07 12.75	16 48 06	30 20				434013
91029	SPETSAI	8078	5 20	22 09 33.1			328 33 00	59 32 24		834309
11047	SHIRAZ-BN	9008	5 20	22 13 30.18	16 58 36	61 58				434013
11033	NAINI TAL-BN	9006	5 20	22 21 37.87	20 04 42	71 14				434013
11048	SHIRAZ-BN	9008	5 21	0 21 20.28	21 44 24	66 07				434013
11037	JUPITER-BN	9010	5 21	3 59 45.92	18 20 00	27 00				434013
91019	ST. PETERSBURG	8604	5 21	6 03 08.7	17 54 35	55 10				845032
11038	JUPITER-BN	9010	5 21	8 07 28.37	14 41 36	62 58				434013
11039	JUPITER-BN	9010	5 21	8 12 17.55	23 08 30	62 35				434013
11027	WOOMERA-BN	9003	5 21	9 15 39.68	9 36 24	-12 39				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11028	WOONERA-BN	9003	5 21	11 22 39.76	9 50 00	19 17				434013
11031	TOKYO-BN	9005	5 21	13 47 44.90	15 07 48	2 11				434013
11078	CAPE TOWN	0402	5 21	17 07 58.1			321 48	58 18		845302
11021	OLIFANTSFNTN-BN	9002	5 21	19 19 35.25	9 54 54	23 33				434013
11022	OLIFANTSFNTN-BN	9002	5 21	19 21 56.73	10 34 42	31 46				434013
11055	SHIRAZ-BN	9008	5 21	19 43 11.53	15 05 36	20 09				434013
11079	SAN FERNANDO-BN	9004	5 21	21 34 45.16	15 27 12	-19 31				434013
11056	SHIRAZ-BN	9008	5 21	21 48 34.57	15 57 30	42 07				434013
11066	VILLA DOLORES-BN	9011	5 21	23 09 03.30	9 21 12	-1 33				434013
11067	VILLA DOLORES-BN	9011	5 21	23 10 49.11	11 48 18	19 23				434013
91030	SPETSAI	8078	5 21	23 47 18.9			79 52 30	56 20 24		834309
91481	FARMAH	8048	5 21	23 48 06.6	18 04 36	-1 00				838240
91031	SPETSAI	8078	5 21	23 49 45.4			86 03 00	79 18 00		834309
11054	AREQUIPA-BN	9007	5 22	1 14 50.85	10 48 12	16 15				434013
11058	JUPITER-BN	9010	5 22	1 21 02.57	13 57 12	-34 17				434023
11061	JUPITER-BN	9010	5 22	3 27 51.65	13 18 24	-8 46				434013
91018	N. CANTON	8565	5 22	3 34 27.1	15 47 49	-8 18				845013
11062	JUPITER-BN	9010	5 22	5 40 05.51	15 26 06	51 56				434013
11063	JUPITER-BN	9010	5 22	5 42 21.86	17 49 12	58 05				434013
11098	NAUI-BN	9012	5 22	7 19 18.77	13 38 54	-17 23				434013
11064	JUPITER-BN	9010	5 22	7 45 18.71	14 11 00	58 19				434013
11065	JUPITER-BN	9010	5 22	7 46 22.71	14 55 30	65 16				434013
91033	ADELAIDE	8596	5 22	8 53 42.5			330 15	56 45		845302
91036	ADELAIDE	8596	5 22	9 06 33.2			41	12 30		845302
11099	NAUI-BN	9012	5 22	9 29 29.16	14 06 36	38 09				434013
11068	TOKYO-BN	9005	5 22	11 21 04.60	15 21 00	-16 41				434013
11100	NAUI-BN	9012	5 22	11 39 57.94	16 55 06	77 38				434013
91049	SACRAMENTO	8517	5 22	11 49 58.9			180 60	83 28		841304
11069	TOKYO-BN	9005	5 22	13 26 03.30	14 55 24	2 05				434013
91131	SIKING	1277	5 22	15 26 59.5	16 27 54	14 12				845009
91132	SIKING	1277	5 22	15 28 17.3	17 08 42	18 00				845009
11070	TOKYO-BN	9005	5 22	15 34 08.30	15 54 48	37 11				434013
91079	CAPE TOWN	0402	5 22	16 42 47.2	6 34 30	-19 13				845042
11090	OLIFANTSFNTN-BN	9002	5 22	17 00 23.41	13 14 24	27 35				434013
11091	OLIFANTSFNTN-BN	9002	5 22	17 01 01.56	13 24 30	28 50				434013
11095	SHIRAZ-BN	9008	5 22	17 15 46.67	15 22 12	-9 41				434013
91133	CHENSCHOW	1287	5 22	17 35 16.6	17 46 42	48 18				845009
91134	CHENSCHOW	1287	5 22	17 38 39.1	21 01 42	40 48				845009
11071	TOKYO-BN	9005	5 22	17 43 24.00	20 35 00	45 21				434013
11092	OLIFANTSFNTN-BN	9002	5 22	18 49 28.82	7 25 00	-2 39				434013
11093	OLIFANTSFNTN-BN	9002	5 22	18 58 17.78	9 48 36	25 16				434013
11094	OLIFANTSFNTN-BN	9002	5 22	19 08 58.13	13 08 36	54 39				434013
11096	SHIRAZ-BN	9008	5 22	19 23 01.37	15 46 48	25 43				434013
91135	CHENSCHOW	1287	5 22	19 38 25.3	18 30 48	43 24				845009
91136	CHENSCHOW	1287	5 22	19 40 38.6	17 54 24	51 30				845009
11087	SAN FERNANDO-BN	9004	5 22	21 13 25.80	15 21 06	-14 20				434013
91032	SPETSAI	8078	5 22	21 19 12.2			5 27 36	52 27 36		834309
11097	SHIRAZ-BN	9008	5 22	21 30 19.03	16 28 12	59 18				434013
11085	VILLA DOLORES-BN	9011	5 22	22 43 42.21	9 13 18	-0 37				434013
11086	VILLA DOLORES-BN	9011	5 22	22 50 51.71	12 10 24	23 45				434013
11088	SAN FERNANDO-BN	9004	5 22	23 18 51.38	15 08 12	6 59				434013
90901	RODEWISCH	2733	5 22	23 22 54.6	19 09 00	-5 18				834009
91033	SPETSAI	8078	5 22	23 25 35.2			78 24 36	56 44 24		834309
91034	SPETSAI	8078	5 22	23 27 08.7			79 40 30	70 00 00		834309
91035	SPETSAI	8078	5 22	23 28 07.2			82 13 30	79 24 24		834309
91036	SPETSAI	8078	5 22	23 29 30.7			246 15 00	85 36 00		834309
11077	JUPITER-BN	9010	5 23	1 05 20.99	15 20 00	-14 07				434013
11089	SAN FERNANDO-BN	9004	5 23	1 25 18.87	15 12 12	33 32				434013
90461	NEUDON	2715	5 23	1 27 26.70			212 40	43 20		837102
90462	NEUDON	2715	5 23	1 28 52.40			197 20	48 07		837102
90463	NEUDON	2715	5 23	1 29 26.60			189 46	49 18		837102
90464	NEUDON	2715	5 23	1 30 05.10			180 31	50 00		837102
90465	NEUDON	2715	5 23	1 32 56.20			140 52	42 26		837102
90904	RODEWISCH	2733	5 23	1 39 22.2	22 06 06	-6 42				834009
11078	JUPITER-BN	9010	5 23	3 03 09.07	12 09 00	-19 06				434013
11079	JUPITER-BN	9010	5 23	3 07 39.98	13 43 42	-3 00				434013
91020	DAYTON	8557	5 23	3 17 12.2			108 25	27 08		845303
91026	N. CANTON	8559	5 23	5 19 43.2	16 24 58	16 39				845013
11081	JUPITER-BN	9010	5 23	5 21 01.50	17 50 30	56 51				434013
11082	JUPITER-BN	9010	5 23	7 26 48.86	17 53 00	73 24				434013
11130	NAUI-BN	9012	5 23	9 07 22.45	13 44 42	38 27				434013
11083	JUPITER-BN	9010	5 23	9 30 02.55	15 20 36	53 34				434013
11084	JUPITER-BN	9010	5 23	9 35 05.28	22 38 48	54 15				434013
11072	WOONERA-BN	9003	5 23	10 40 08.79	9 39 00	22 33				434013
11131	NAUI-BN	9012	5 23	11 18 21.76	16 44 18	76 28				434013
91050	SACRAMENTO	8517	5 23	11 28 44.2	19 33 12	32 11				841013
11125	NAINI TAL-BN	9004	5 23	14 59 01.51	16 19 36	0 45				434013
91147	SIKING	1277	5 23	15 05 20.6	16 15 36	14 00				845009
11112	OLIFANTSFNTN-BN	9002	5 23	16 23 06.60	6 55 30	-24 19				434023
11126	SHIRAZ-BN	9008	5 23	16 34 53.01	15 25 06	-6 55				434013
91143	LANCHOW	1273	5 23	17 07 04.8	14 30 12	22 24				845009
91148	SIKING	1277	5 23	17 08 54.2	14 37 42	32 48				845009
91149	SIKING	1277	5 23	17 10 47.8	5 55 42	41 00				845009
91138	TIENTSIN	1282	5 23	17 11 58.5	15 27 12	28 24				845009
91144	LANCHOW	1273	5 23	17 14 17.1	19 41 54	34 06				845009
91139	TIENTSIN	1282	5 23	17 14 45.4	17 39 00	55 18				845009
11115	OLIFANTSFNTN-BN	9002	5 23	18 27 18.19	6 58 00	-4 06				434013
11116	OLIFANTSFNTN-BN	9002	5 23	18 35 53.59	9 22 18	22 59				434013
11117	OLIFANTSFNTN-BN	9002	5 23	18 47 01.34	12 34 18	54 03				434013
11127	SHIRAZ-BN	9008	5 23	19 02 21.81	16 12 00	28 23				434013
91145	LANCHOW	1273	5 23	19 14 31.2	15 36 42	42 18				845009
91150	SIKING	1277	5 23	19 16 35.3	15 58 00	49 18				845009
91151	SIKING	1277	5 23	19 18 23.8	18 08 06	54 30				845009
91146	LANCHOW	1273	5 23	19 22 28.0	22 48 30	24 24				845009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
91140	ASHKHAHAD	1006	5 23	21 11 37.5	17 47 00	39 42				845009
91206	STALINABAD	1047	5 23	21 12 29.8	16 23 30	37 30				845009
91141	ASHKHAHAD	1006	5 23	21 13 41.9	19 40 06	37 06				845009
91207	STALINABAD	1047	5 23	21 14 11.8	18 28 00	41 00				845009
91128	SHIRAZ-BN	9008	5 23	21 14 16.65	21 38 48	45 13				434013
91208	STALINABAD	1047	5 23	21 15 16.9	19 12 30	39 00				845009
91142	ASHKHAHAD	1006	5 23	21 15 44.8	21 08 06	30 00				845009
91110	VILLA DOLORES-BN	9011	5 23	22 20 17.15	7 57 18	- 8 39				434013
91118	SAN FERNANDO-BN	9004	5 23	22 27 27.54	15 05 24	7 55				434013
90868	MEUDON	2715	5 23	22 28 37.60			187 57	32 29		637102
90869	MEUDON	2715	5 23	22 29 10.90			184 33	33 52		637102
90870	MEUDON	2715	5 23	23 00 27.00			175 58	34 27		637102
90871	MEUDON	2715	5 23	23 01 32.90			167 29	38 00		637102
90872	MEUDON	2715	5 23	23 02 00.60			163 38	38 23		637102
90873	MEUDON	2715	5 23	23 03 17.80			152 23	38 34		637102
90874	MEUDON	2715	5 23	23 06 21.10			126 52	33 29		637102
90877	MEUDON	2715	5 23	23 07 17.20			120 20	30 39		637102
90878	MEUDON	2715	5 23	23 08 08.60			115 12	27 51		637102
91152	KIEV	1023	5 23	23 08 57.4	16 48 06	5 36				845009
91153	KIEV	1023	5 23	23 10 23.5	17 39 12	6 18				845009
91154	KIEV	1023	5 23	23 10 54.7	17 58 24	6 18				845009
91155	KIEV	1023	5 23	23 12 53.9	19 11 12	5 18				845009
91129	SHIRAZ-BN	9008	5 23	23 14 05.55	15 36 36	61 00				434013
91111	VILLA DOLORES-BN	9011	5 24	0 28 07.64	9 05 12	22 54				434013
90879	MEUDON	2715	5 24	1 04 29.9			221 37	39 04		637102
90880	MEUDON	2715	5 24	1 05 03.0			217 57	41 14		637102
90881	MEUDON	2715	5 24	1 06 06.0			209 15	45 16		637102
90882	MEUDON	2715	5 24	1 07 12.1			197 25	48 45		637102
90883	MEUDON	2715	5 24	1 08 15.1			183 26	50 37		637102
90884	MEUDON	2715	5 24	1 09 12.8			169 24	50 30		637102
90885	MEUDON	2715	5 24	1 10 05.0			154 55	48 45		637102
90886	MEUDON	2715	5 24	1 11 15.8			142 14	44 11		637102
90887	MEUDON	2715	5 24	1 12 01.8			134 24	40 21		637102
90888	MEUDON	2715	5 24	1 13 09.0			123 23	34 14		637102
91051	CINCINNATI	0050	5 24	2 49 59.3			141 06	33 34		845302
91027	DAYTON	8557	5 24	2 50 55.4			136 48	33 00		845303
91028	N. CANTON	8565	5 24	2 51 22.9	15 28 14	- 7 06				845303
91119	SAN FERNANDO-BN	9004	5 24	3 10 24.06	16 03 54	41 43				434013
91029	WICHITA	8605	5 24	4 49 55.28	14 13 44	- 1 31				845013
91080	MADISON	0148	5 24	4 53 36.31	14 54 06	0 34				845014
91081	MADISON	0148	5 24	4 53 46.04	14 57 30	1 00				845014
91082	MADISON	0148	5 24	4 54 24.71	15 16 24	2 31				845014
91030	TERRE HAUTE	8127	5 24	4 54 33.2	15 11 08	9 36				845003
91052	CINCINNATI	0050	5 24	4 57 50.0			134 06	85 06		845302
91152	MAUI-BN	9012	5 24	6 36 12.13	13 27 42	-16 29				434013
91053	CINCINNATI	0050	5 24	7 03 56.8			176 18	88 12		845302
91105	JUPITER-BN	9010	5 24	7 04 49.18	14 50 00	71 31				434013
91106	JUPITER-BN	9010	5 24	7 06 07.75	19 24 00	71 25				434013
91107	JUPITER-BN	9010	5 24	7 08 55.67	22 29 42	55 13				845302
91037	TOHNSVILLE	8578	5 24	8 16 11.0			119 41	87 01		845302
91146	MAUI-BN	9012	5 24	8 45 52.41	13 44 12	34 06				434013
91102	ORGAN PASS-BN	9001	5 24	9 04 24.35	17 46 00	60 09				434013
91031	FORT BELVOIR	8606	5 24	9 13 07.0			180 00	84 24		845302
91103	ORGAN PASS-BN	9001	5 24	11 11 39.17	20 18 48	38 51				434013
91127	MITAKA	0229	5 24	12 43 43.9			152 48	56 48		845303
91132	TOKYO-BN	9005	5 24	12 49 28.70	17 46 42	19 28				434013
91169	SIKING	1277	5 24	14 43 06.0	15 46 36	12 12				845009
91133	TOKYO-BN	9005	5 24	14 52 07.70	16 33 12	40 02				434013
91122	OLIFANTSFRNTH-BN	9002	5 24	16 08 22.30	9 36 12	- 4 04				434013
91124	OLIFANTSFRNTH-BN	9002	5 24	16 09 52.41	10 23 18	3 43				434013
91136	SHIRAZ-BN	9008	5 24	16 33 01.45	15 10 24	- 7 25				434013
91167	TIENTSIN	1282	5 24	16 50 08.1	15 08 30	27 48				845009
91168	TIENTSIN	1282	5 24	16 50 46.9	15 33 00	29 48				845009
91209	BLAGVSTCHNSK	1010	5 24	16 55 07.7	17 09 30	7 24				845009
91210	BLAGVSTCHNSK	1010	5 24	16 57 16.0	18 24 00	6 42				845009
91134	TOKYO-BN	9005	5 24	16 57 49.20	16 46 18	48 13				434013
91211	BLAGVSTCHNSK	1010	5 24	16 58 48.8	19 31 00	5 00				845009
91123	OLIFANTSFRNTH-BN	9002	5 24	18 15 10.87	9 26 00	26 49				434013
91137	SHIRAZ-BN	9008	5 24	18 40 12.77	15 44 06	26 28				434013
91156	ABAKAN	1001	5 24	18 50 27.1	16 18 54	0 30				845009
91157	ABAKAN	1001	5 24	18 51 07.8	16 37 30	1 30				845009
91158	ABAKAN	1001	5 24	18 53 17.9	17 44 42	1 42				845009
91138	SHIRAZ-BN	9008	5 24	20 47 58.57	17 11 06	59 00				434013
91159	TCHARDJOU	1041	5 24	20 49 01.0	15 45 00	53 12				845009
91160	TCHARDJOU	1041	5 24	20 49 26.1	16 02 30	34 18				845009
91161	TCHARDJOU	1041	5 24	20 50 12.5	16 39 00	36 18				845009
91163	SVERDLOVSK	1045	5 24	20 51 12.6	17 37 30	- 2 00				845009
91164	SVERDLOVSK	1045	5 24	20 52 58.4	18 29 00	- 2 24				845009
91162	TASHKENT	1052	5 24	20 56 55.6			99 22	42 56		845009
90891	MEUDON	2715	5 24	22 35 15.8			194 50	28 45		637102
90892	MEUDON	2715	5 24	22 36 03.0			191 04	30 46		637102
90893	MEUDON	2715	5 24	22 42 19.1			145 17	38 14		637102
91451	BAJA	1113	5 24	22 43 02.54			195 10 48	51 10 48		845309
90894	MEUDON	2715	5 24	22 43 24.0			136 20	36 40		637102
90895	MEUDON	2715	5 24	22 44 02.9			131 13	35 19		637102
90896	MEUDON	2715	5 24	22 45 03.8			123 49	32 42		637102
91452	BAJA	1113	5 24	22 45 13.43			166 37 12	55 15 36		845309
90897	MEUDON	2715	5 24	22 46 10.1			116 42	29 21		637102
90898	MEUDON	2715	5 24	22 47 11.8			110 56	25 57		637102
91453	BAJA	1113	5 24	22 47 43.9			132 32 24	49 30 00		845309
90899	MEUDON	2715	5 24	22 48 14.9			105 51	22 16		637102
90900	MEUDON	2715	5 24	22 49 04.6			102 21	19 21		637102
91170	EREVAN	1018	5 24	22 51 16.9	17 01 12	34 18				845009
91171	EREVAN	1018	5 24	22 54 44.4	20 12 30	28 36				845009
91172	EREVAN	1018	5 24	22 56 48.1	21 35 42	19 36				845009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11147	VILLA DOLORES-BN	9011	5 25	0 04 19.82	8 10 18	16 03				434013
11139	AREQUIPA-BN	9007	5 25	0 10 07.91	10 25 18	17 52				434013
11148	VILLA DOLORES-BN	9011	5 25	0 13 27.39	11 39 00	47 30				434013
51442	ALPINE-P	5009	5 25	0 30 14.0	14 26 30	22 24				637047
50905	NEUDON	2715	5 25	0 41 40.80			226 49	35 27		637102
50907	NEUDON	2715	5 25	0 43 08.40			218 32	41 11		637102
50908	NEUDON	2715	5 25	0 44 27.80			208 01	46 11		637102
50909	NEUDON	2715	5 25	0 45 38.20			195 27	49 42		637102
50910	NEUDON	2715	5 25	0 46 09.20			188 58	50 49		637102
50912	NEUDON	2715	5 25	0 51 37.10			122 43	33 28		637102
50913	NEUDON	2715	5 25	0 52 35.20			119 06	29 59		637102
11120	CURACAO-BN	9009	5 25	2 24 57.00	11 51 00	32 25				434013
51038	N. CANTON	8536	5 25	2 26 41.0	14 21 10	-14 28				641042
51039	TERRE HAUTE	8127	5 25	4 32 35.2	14 53 01	8 47				845003
51084	MADISON	0148	5 25	4 34 20.36			153 18	50 30		845304
51085	MADISON	0148	5 25	4 34 28.44	15 52 07	7 15				845014
51033	PITTSBURGH	8611	5 25	4 35 44.0	15 30 24	15 54				845042
51034	PITTSBURGH	8611	5 25	4 35 50.4	15 34 12	16 12				845042
51040	N. CANTON	8559	5 25	4 38 02.0	16 57 30	19 57				845013
51032	FORT WORTH	0139	5 25	6 38 14.41	16 19 06	49 42				845013
11150	HAUJ-BN	9012	5 25	10 37 18.45	19 56 12	70 43				434013
51128	MUSASHINO	0233	5 25	12 20 04.9			0 00	85 06		845302
51204	SIKING	1277	5 25	14 21 35.6	15 40 18	12 30				845009
51165	CHENGCHOW	1287	5 25	14 22 42.5	15 38 54	15 48				845009
51205	SIKING	1277	5 25	14 23 14.0	16 27 00	16 54				845009
51166	CHENGCHOW	1287	5 25	14 28 09.2	18 11 36	24 30				845009
51173	CHENGCHOW	1287	5 25	16 26 56.3	14 24 18	35 06				845009
51174	CHENGCHOW	1287	5 25	16 31 19.6	17 55 00	45 54				845009
11158	OLIFANTSPTN-BN	9002	5 25	17 51 32.02	8 34 42	19 53				434013
11159	OLIFANTSPTN-BN	9002	5 25	17 58 21.76	10 48 30	42 57				434013
11160	OLIFANTSPTN-BN	9002	5 25	18 04 04.37	12 46 12	54 42				434013
11169	SHIRAZ-BN	9008	5 25	18 16 55.29	14 43 06	20 47				434013
51175	CHENGCHOW	1287	5 25	18 36 39.3	17 58 24	51 06				845009
51176	CHENGCHOW	1287	5 25	18 44 13.2	23 25 48	11 48				845009
11170	SHIRAZ-BN	9008	5 25	20 23 26.94	14 16 36	49 19				434013
11140	SAN FERNANDO-BN	9004	5 25	22 13 54.82	14 40 54	7 28				434013
51454	BAJA	1113	5 25	22 22 10.70			183 25 12	53 56 24		845309
51455	BAJA	1113	5 25	22 24 18.53			153 46 48	54 54 00		845309
51456	BAJA	1113	5 25	22 26 28.16			127 30 00	47 49 12		845309
11171	SHIRAZ-BN	9008	5 25	22 33 29.97	19 01 24	64 53				434013
11155	AREQUIPA-BN	9007	5 25	23 48 28.85	10 12 48	17 32				434013
51457	BAJA	1113	5 26	0 29 22.83			196 15 36	59 38 24		845309
51458	BAJA	1113	5 26	0 30 26.43			176 50 24	59 13 12		845309
51459	BAJA	1113	5 26	0 32 16.32			144 39 36	50 56 24		845309
11172	SHIRAZ-BN	9008	5 26	0 40 32.91	20 32 42	34 03				434013
11144	CURACAO-BN	9009	5 26	2 04 32.23	12 16 42	39 25				434013
11157	JUPITER-BN	9010	5 26	6 22 22.32	17 53 00	70 15				434013
51129	MUSASHINO	0233	5 26	12 01 18.2			135 00	55 18		845302
11164	TOKYO-BN	9005	5 26	14 07 57.40	15 33 48	37 18				434013
11161	OLIFANTSPTN-BN	9002	5 26	17 50 44.48	8 34 54	23 32				434013
11162	OLIFANTSPTN-BN	9002	5 26	17 52 58.51	9 22 06	31 52				434013
11163	OLIFANTSPTN-BN	9002	5 26	17 59 28.31	11 34 06	49 37				434013
11174	SHIRAZ-BN	9008	5 26	17 54 25.38	14 11 24	17 32				434013
11191	MAINI TAL-BN	9006	5 26	18 03 42.71	15 00 54	51 57				434013
51297	TIMNA	1281	5 26	18 06 19.6	15 42 12	19 30				845009
51298	TIMNA	1281	5 26	18 07 48.9	16 36 00	21 36				845009
11195	TOKYO-BN	9005	5 26	18 23 56.60	20 29 30	13 18				434013
11175	SHIRAZ-BN	9008	5 26	20 02 19.88	14 37 48	51 43				434013
51293	MOSCOW	1072	5 26	20 05 09.7	17 27 00	- 8 18				845009
51294	MOSCOW	1072	5 26	20 06 26.1	17 58 12	0 18				845009
51299	TIMNA	1281	5 26	20 13 42.0	17 22 00	19 48				845009
11192	MAINI TAL-BN	9006	5 26	20 13 58.07	20 10 30	60 47				434013
51460	BAJA	1113	5 26	21 59 43.09			189 32 24	52 30 00		845309
51461	BAJA	1113	5 26	22 00 23.71			181 37 12	54 14 24		845309
51462	BAJA	1113	5 26	22 01 54.36			161 24 00	55 30 00		845309
51295	MOSCOW	1072	5 26	22 11 09.3	19 03 12	- 1 30				845009
11176	SHIRAZ-BN	9008	5 26	22 11 16.23	17 49 42	65 00				434013
51296	MOSCOW	1072	5 26	22 11 51.7	19 22 36	- 2 12				845009
11193	MAINI TAL-BN	9006	5 26	22 20 12.24	20 30 06	40 25				434013
51463	BAJA	1113	5 27	0 07 15.98			203 45 36	59 42 00		845309
51464	BAJA	1113	5 27	0 07 55.20			191 20 24	60 50 24		845309
51465	BAJA	1113	5 27	0 09 26.64			161 42 00	58 19 12		845309
11177	SHIRAZ-BN	9008	5 27	0 19 47.68	21 03 42	29 23				434013
51063	SAN ANTONIO	8610	5 27	3 43 26.0	13 23	10 04				845012
51041	TERRE HAUTE	8127	5 27	3 48 33.4	14 16 53	7 08				845003
51042	N. CANTON	8559	5 27	3 51 17.7	14 44 03	12 40				845013
51085	MADISON	0148	5 27	3 51 42.15	15 47 24	9 00				845014
51061	SACRAMENTO	8517	5 27	5 44 45.7			180 00	53 56		641304
51043	FORT WORTH	0139	5 27	5 54 23.90	15 33 18	47 27				845013
51086	MADISON	0148	5 27	5 57 27.38	16 2 34	24 48				845014
51087	MADISON	0148	5 27	5 57 46.49	14 00 00	0 30				845014
51088	MADISON	0148	5 27	6 04 22.5	18 03 00	20 45				845014
51054	CINCINNATI	0050	5 27	8 05 59.2	18 34 06	28 32				845004
11180	JUPITER-BN	9010	5 27	8 08 36.19	20 29 00	58 59				434013
11165	WOODHRA-BN	9003	5 27	9 12 17.12	8 12 42	19 19				434013
51042	SACRAMENTO	8517	5 27	10 02 14.4			180 00	87 23		641304
11196	TOKYO-BN	9005	5 27	11 37 40.70	14 09 54	2 46				434013
11197	TOKYO-BN	9005	5 27	13 46 02.10	15 16 18	36 30				434013
11198	TOKYO-BN	9005	5 27	15 34 20.80	17 41 48	48 33				434013
51188	LANCHOW	1273	5 27	17 47 57.2	14 53 06	41 24				845009
51189	LANCHOW	1273	5 27	17 51 24.1	18 02 06	47 30				845009
11199	TOKYO-BN	9005	5 27	17 59 47.90	17 51 42	28 31				434013

.85 NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
50950	NEUDON	2715	5 27	23 44 42.4			139 14	46 54		637109
50951	NEUDON	2715	5 27	23 46 12.4			126 42	40 06		637109
50952	NEUDON	2715	5 27	23 47 25.1			119 15	34 08		637109
50953	NEUDON	2715	5 27	23 48 06.8			115 51	30 45		637109
50954	NEUDON	2715	5 27	23 49 56.0			108 57	22 15		637109
50918	NEUDON	2715	5 28	1 40 33.7			252 10	26 35		637109
50919	NEUDON	2715	5 28	1 41 11.5			250 03	28 44		637109
50922	NEUDON	2715	5 28	1 44 06.1			235 02	39 26		637109
50923	NEUDON	2715	5 28	1 45 04.9			227 18	42 50		637109
50925	NEUDON	2715	5 28	1 47 06.3			205 14	47 41		637109
50926	NEUDON	2715	5 28	1 48 23.0			187 47	47 37		637109
50927	NEUDON	2715	5 28	1 49 13.0			177 17	46 06		637109
50928	NEUDON	2715	5 28	1 50 12.0			165 32	42 48		637109
50930	NEUDON	2715	5 28	1 52 08.2			148 00	33 32		637109
50931	NEUDON	2715	5 28	1 53 26.2			139 54	26 44		637109
31064	SAN ANTONIO	8610	5 28	3 21 24.5	13 08 30	8 52				845012
31059	TERRE HAUTE	8127	5 28	3 26 27.8	13 58 26	6 02				845003
31066	DAYTON	8557	5 28	3 27 43.4			190 58	57 00		845303
31057	CINCINNATI	0050	5 28	3 29 13	14 56 54	19 03				845004
31044	N. CANTON	8559	5 28	3 29 32.6	14 34 18	12 44				845013
31060	STATE COLLEGE	8603	5 28	3 31 58.6			192 03 00	65 54		845302
31089	MADISON	0148	5 28	5 35 42.14	16 09 00	25 03				845014
31056	TERRE HAUTE	8127	5 28	5 36 06.5	16 08 35	34 37				845003
31058	CINCINNATI	0050	5 28	5 36 51.0			174 12	87 30		845302
31045	N. CANTON	8559	5 28	5 39 16.7	17 29 28	32 30				845013
31028	SPOKANE	8147	5 28	7 34 01.0	16 02 50	13 93				845009
31090	MADISON	0148	5 28	7 42 38.45	17 44 18	22 00				845014
31059	CINCINNATI	0050	5 28	7 44 19.0	18 17 48	29 34				845004
11164	WOONERA-BN	9003	5 28	8 50 37.13	7 56 24	19 33				434013
31027	SPOKANE	8147	5 28	9 41 44.9	18 10 00	8 15				845009
11179	MAUI-BN	9012	5 28	11 38 29.51	20 05 48	75 25				434013
31190	CHENGCHOW	1287	5 28	13 13 13.8	13 14 12	0 54				845009
31067	TAIPEI	0502	5 28	13 17 52.5	14 22 35	41 57				845012
31191	CHENGCHOW	1287	5 28	13 19 05.5	15 32 00	19 06				845009
31068	TAIPEI	0502	5 28	13 21 07.8	16 32 24	46 58				845012
11201	TOKYO-BN	9005	5 28	13 23 40.00	14 48 18	35 01				434013
31192	CHENGCHOW	1287	5 28	15 21 49.5	14 04 12	35 30				845009
31193	CHENGCHOW	1287	5 28	15 25 43.9	16 53 24	43 42				845009
11181	SHIRAZ-BN	9008	5 28	17 11 19.10	14 07 54	18 41				434013
31232	LANCHOW	1273	5 28	17 26 38.9	16 12 06	61 18				845009
31233	LANCHOW	1273	5 28	17 29 39.4	17 35 54	47 06				845009
31236	CHENGCHOW	1287	5 28	17 31 18.7	16 55 54	50 30				845009
31237	CHENGCHOW	1287	5 28	17 34 23.7	20 01 48	41 54				845009
11182	SHIRAZ-BN	9008	5 28	19 17 06.03	13 16 00	44 24				434013
31234	LANCHOW	1273	5 28	19 28 19.0	16 15 54	35 48				845009
31235	LANCHOW	1273	5 28	19 32 19.8	19 46 00	25 00				845009
31238	CHENGCHOW	1287	5 28	19 35 39.8	16 25 00	30 30				845009
31239	CHENGCHOW	1287	5 28	19 40 34.4	20 39 00	9 36				845009
31229	MOSCOW	1072	5 28	21 27 32.9	18 23 42	0 36				845009
31230	MOSCOW	1072	5 28	21 28 10.2	18 39 42	0 06				845009
31231	MOSCOW	1072	5 28	21 31 53.4	20 03 30	- 4 12				845009
50932	NEUDON	2715	5 28	23 18 06.3			195 45	50 51		637109
50933	NEUDON	2715	5 28	23 19 09.6			183 46	52 55		637109
50934	NEUDON	2715	5 28	23 20 18.3			169 15	53 26		637109
50935	NEUDON	2715	5 28	23 21 50.0			150 11	50 56		637109
50936	NEUDON	2715	5 28	23 22 11.8			146 08	49 54		637109
50938	NEUDON	2715	5 28	23 24 18.1			127 16	41 24		637109
50939	NEUDON	2715	5 29	1 19 55.60			247 31	31 37		637109
50940	NEUDON	2715	5 29	1 22 56.40			230 04	42 40		637109
50941	NEUDON	2715	5 29	1 23 16.30			227 18	43 48		637109
31093	WICHITA	8605	5 29	3 00 26.26	12 46 20	- 7 18				845012
31065	SAN ANTONIO	8610	5 29	3 01 03.4	13 40 00	14 15				845013
31091	MADISON	0148	5 29	3 04 36.94			191 00	49 12		845304
11189	JUPITER-BN	9010	5 29	3 06 47.45	13 40 42	43 13				434013
11190	JUPITER-BN	9010	5 29	3 09 47.96	15 51 42	50 24				434013
31069	PHOENIX	8576	5 29	5 04 47.2	14 23 00	26 00				845003
31094	ALBUQUERQUE	8534	5 29	5 07 15.3	14 32 48	30 06				845042
31095	ALBUQUERQUE	8534	5 29	5 08 25.0	15 15 36	33 09				845042
31096	WICHITA	8605	5 29	5 10 39.61	15 03 51	33 05				845012
31092	MADISON	0148	5 29	5 13 43.05			170 00	70 48		845304
31070	SAN ANTONIO	8610	5 29	5 22 58.5	17 10 12	54 17				845012
11189	JUPITER-BN	9010	5 29	7 18 52.22	13 35 42	50 16				434013
11186	JUPITER-BN	9010	5 29	7 25 28.84	20 02 12	57 39				434013
11187	JUPITER-BN	9010	5 29	9 32 17.54	20 05 36	8 54				434013
11188	JUPITER-BN	9010	5 29	9 33 35.35	21 12 00	- 2 44				434013
11202	TOKYO-BN	9005	5 29	10 32 09.00	13 04 00	- 4 20				434013
31270	MITAKA	0229	5 29	10 34 54.1			139 12	51 54		845303
31272	MUSASHIMO	0233	5 29	10 55 21.8			135 00	52 42		845303
31271	MITAKA	0229	5 29	12 59 37.3			247 42	70 00		845303
31269	KANAYA MACHI	0220	5 29	13 01 22.6	14 48 00	38 00				845012
31268	HIGASHIMATSUYAMA	0210	5 29	13 02 12.7	14 48 36	34 24				845013
11203	TOKYO-BN	9005	5 29	13 02 20.40	14 52 36	35 41				434013
11204	TOKYO-BN	9005	5 29	15 07 37.80	14 28 12	43 44				434013
11243	SHIRAZ-BN	9008	5 29	16 47 43.94	13 09 00	11 25				434013
11205	TOKYO-BN	9005	5 29	17 18 07.70	18 47 36	29 10				434013
11246	SHIRAZ-BN	9008	5 29	18 56 41.67	14 04 48	49 54				434013
50956	NEUDON	2715	5 29	20 52 05.2			149 32	37 45		637102
50957	NEUDON	2715	5 29	20 53 18.6			140 28	37 12		637102
51466	BAJA	1113	5 29	20 55 24.96			181 30 00	53 20 24		845309
51467	BAJA	1113	5 29	20 56 43.98			165 46 48	55 04 48		845309
51468	BAJA	1113	5 29	20 58 08.32			168 08 24	54 18 00		845309
51300	MOSCOW	1072	5 29	21 03 42.1	17 12 06	2 54				845009
11247	SHIRAZ-BN	9008	5 29	21 04 31.16	15 18 36	61 53				434013
51301	MOSCOW	1072	5 29	21 08 31.7	19 11 42	- 1 12				845009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
91302	MOSCOW	1072	5 29	21 09 19.9	19 28 12	- 2 12				845009
90990	NEUDON	2715	5 29	22 30 32.7			229 00	31 07		637102
90999	NEUDON	2715	5 29	22 31 19.0			226 35	33 43		637102
90960	NEUDON	2715	5 29	22 32 21.1			222 07	37 51		637102
90961	NEUDON	2715	5 29	22 33 13.2			217 48	41 08		637102
90962	NEUDON	2715	5 29	22 34 14.5			211 25	44 55		637102
90963	NEUDON	2715	5 29	22 35 11.0			204 12	48 10		637102
90964	NEUDON	2715	5 29	22 36 15.7			194 06	51 15		637102
90965	NEUDON	2715	5 29	22 37 04.3			185 02	52 52		637102
90967	NEUDON	2715	5 29	22 39 13.4			158 25	52 50		637102
90970	NEUDON	2715	5 29	23 02 30.4			126 36	41 44		637102
90971	NEUDON	2715	5 29	23 03 03.0			123 00	39 20		637102
91469	BAJA	1113	5 29	23 03 11.62			195 43 12	62 42 00		845309
91470	BAJA	1113	5 29	23 03 29.24			191 34 48	62 56 24		845309
91471	BAJA	1113	5 29	23 03 48.73			184 08 24	63 10 48		845309
91303	MOSCOW	1072	5 29	23 06 37.1	17 05 12	- 1 12				845009
91304	MOSCOW	1072	5 29	23 07 12.0	17 22 00	- 2 06				845009
91305	MOSCOW	1072	5 29	23 08 36.4	18 01 30	- 4 24				845009
11248	SHIRAZ-BN	9008	5 29	23 14 48.34	19 58 12	35 29				434013
11217	JUPITER-BN	9010	5 30	2 46 00.18	14 16 00	46 20				434013
91071	STATE COLLEGE	8603	5 30	2 46 38.2			174 24	63 42		845302
91097	ST. PETERSBURG	8604	5 30	2 48 53.3	16 38	39 53				845042
91072	SAN DIEGO	8595	5 30	4 40 17.0	13 14 30	18 03				845012
11210	ORGAN PASS-BN	9001	5 30	4 45 23.25	14 18 48	36 54				434013
11215	JUPITER-BN	9010	5 30	4 51 14.36	12 54 00	56 25				434013
91073	TERRE HAUTE	8127	5 30	4 52 06.7	13 32 23	34 03				845003
91100	CINCINNATI	0050	5 30	4 53 05.5	13 46 30	36 10				845004
91098	ST. PETERSBURG	8604	5 30	4 54 23.5	16 38	64 40				845042
11207	MAUI-BN	9012	5 30	8 43 49.21	13 18 30	65 25				434013
11208	MAUI-BN	9012	5 30	10 53 12.43	16 16 54	76 37				434013
91111	TAIPEI	0502	5 30	12 32 41.4	13 12 30	35 49				845012
11209	MAUI-BN	9012	5 30	13 03 59.70	21 34 54	50 39				434013
91240	LANCHOW	1273	5 30	14 32 15.6	12 15 30	13 30				845007
91241	LANCHOW	1273	5 30	14 35 34.6	14 01 06	26 06				845009
11253	SHIRAZ-BN	9008	5 30	16 26 11.52	13 08 00	12 09				434013
91227	TIMBA	1281	5 30	16 37 45.2	14 09 48	17 06				845009
91223	CHENGCHOW	1287	5 30	16 44 16.1	13 51 54	43 00				845009
91228	TIMBA	1281	5 30	16 44 22.9	17 51 54	21 54				845009
91224	CHENGCHOW	1287	5 30	16 50 03.3	18 41 00	45 30				845009
11254	SHIRAZ-BN	9008	5 30	18 55 01.01	14 04 48	90 11				434013
91225	CHENGCHOW	1287	5 30	18 51 27.9	15 31 30	32 42				845009
91226	CHENGCHOW	1287	5 30	19 01 26.8	22 09 42	- 7 12				845009
91472	BAJA	1113	5 30	20 35 23.75			169 15 36	54 32 24		845309
91473	BAJA	1113	5 30	20 35 15.17			147 07 12	53 57 36		845309
91474	BAJA	1113	5 30	20 38 32.54			116 24 00	43 26 24		845309
91218	EREVAN	1018	5 30	20 39 21.3	14 43 06	32 54				845009
91216	TBILISI	1053	5 30	20 39 23.7	15 09 12	29 42				845009
91242	KICHINEV	1024	5 30	20 40 31.7	17 20 00	18 24				845009
91219	EREVAN	1018	5 30	20 41 22.2	16 07 18	35 36				845009
91217	TBILISI	1053	5 30	20 42 38.1	16 58 24	31 00				845009
91220	EREVAN	1018	5 30	20 43 53.2	17 57 18	33 06				845009
11255	SHIRAZ-BN	9008	5 30	20 44 42.54	17 29 18	62 04				434013
91221	EREVAN	1018	5 30	20 47 55.9	20 08 06	20 54				845009
91222	EREVAN	1018	5 30	20 50 04.4	20 53 42	14 00				845009
90977	NEUDON	2715	5 30	22 28 04.7			229 32	29 35		637102
90978	NEUDON	2715	5 30	22 29 05.5			226 20	33 15		637102
90980	NEUDON	2715	5 30	22 31 07.3			217 36	40 52		637102
90981	NEUDON	2715	5 30	22 32 04.5			211 47	44 33		637102
90983	NEUDON	2715	5 30	22 34 04.9			193 25	50 52		637102
90986	NEUDON	2715	5 30	22 39 12.6			137 30	47 55		637102
90989	NEUDON	2715	5 30	22 40 15.0			128 51	43 52		637102
91475	BAJA	1113	5 30	22 41 05.58			180 28 48	63 39 36		845309
91476	BAJA	1113	5 30	22 41 37.13			170 38 24	63 10 48		845309
90991	NEUDON	2715	5 30	22 42 01.5			118 00	36 06		637102
91477	BAJA	1113	5 30	22 42 37.44			193 39 36	60 10 48		845309
90992	NEUDON	2715	5 30	22 43 21.0			112 08	30 12		637102
11256	SHIRAZ-BN	9008	5 30	22 52 53.07	19 29 12	37 58				434013
90974	NEUDON	2715	5 31	0 39 10.8			229 46	44 24		637102
90975	NEUDON	2715	5 31	0 40 15.3			220 31	47 54		637102
90976	NEUDON	2715	5 31	0 41 11.7			210 31	50 14		637102
11219	JUPITER-BN	9010	5 31	2 20 22.58	11 55 48	31 01				434013
91101	CINCINNATI	0050	5 31	2 23 11.9	14 09 06	12 48				845004
91104	N. CANTON	8599	5 31	2 23 30.5	13 46 57	10 52				845013
91106	STATE COLLEGE	8603	5 31	2 24 10.8			179 48	61 48		845302
11220	JUPITER-BN	9010	5 31	2 24 38.72	14 29 36	46 57				434013
91075	SAN DIEGO	8595	5 31	4 20 51.8	14 17	25 57				845012
91076	SAN ANTONIO	8610	5 31	4 28 31.7	14 44 54	51 43				845012
11221	JUPITER-BN	9010	5 31	4 28 53.07	12 19 00	52 59				434013
91099	ST. PETERSBURG	8604	5 31	4 30 12.9	14 10	57 55				845042
91102	CINCINNATI	0050	5 31	4 31 06.4	15 28 48	35 52				845004
11223	JUPITER-BN	9010	5 31	4 34 32.26	18 00 00	64 00				434013
11230	MAUI-BN	9012	5 31	6 16 39.10	14 48 18	42 19				434013
91109	SACRAMENTO	8517	5 31	6 26 42.5			180 00	84 44		641304
11211	ORGAN PASS-BN	9001	5 31	6 31 32.58	15 32 54	55 37				434013
91103	CINCINNATI	0050	5 31	6 38 58	17 27 54	32 08				845004
91105	N. CANTON	8599	5 31	6 40 58.7	18 15 43	21 27				845013
11218	JUPITER-BN	9010	5 31	6 43 47.78	20 52 24	46 35				434013
11212	ORGAN PASS-BN	9001	5 31	8 33 26.68	13 26 00	39 14				434013
11213	ORGAN PASS-BN	9001	5 31	8 40 05.21	18 09 24	44 50				434013
11214	ORGAN PASS-BN	9001	5 31	8 48 24.23	22 38 00	0 07				434013
11225	JUPITER-BN	9010	5 31	8 49 47.69	20 10 06	8 42				434013
91110	N. CANTON	8599	5 31	8 49 58.0	20 22 10	-23 15				845023
11229	MAUI-BN	9012	5 31	10 30 11.84	14 19 06	74 15				434013
91274	KONKO	0224	5 31	12 15 17.3	13 31 06	27 42				845012

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
51273	HIGASHIMATSUYAMA	0210	5 31	12 17 54.4	14 06 30	32 18				845013
51200	LANCHOW	1273	5 31	14 12 13.2	12 56 48	19 36				845009
51201	LANCHOW	1273	5 31	14 16 11.6	15 12 00	30 30				845009
11226	TOKYO-BN	9005	5 31	14 23 06.40	14 58 18	46 50				434013
11250	SHIRAZ-BN	9008	5 31	18 14 30.97	15 03 00	52 38				434013
11227	TOKYO-BN	9005	5 31	18 38 01.90	17 09 36	1 15				434013
51194	BRATISLAVA	2701	5 31	20 09 48.7	13 59 06	4 30				845009
51478	BAJA	1113	5 31	20 10 44.73			175 44 24	53 16 48		845309
51479	BAJA	1113	5 31	20 10 08.75			159 25 12	54 32 24		845309
51195	BRATISLAVA	2701	5 31	20 18 27.1	15 35 42	10 24				845009
51480	BAJA	1113	5 31	20 13 38.25			142 01 12	52 51 36		845309
51196	BRATISLAVA	2701	5 31	22 14 04.2	13 50 48	12 54				845009
51197	BRATISLAVA	2701	5 31	22 22 38.7	18 15 30	11 54				845009
11252	SHIRAZ-BN	9008	6 01	0 38 37.49	19 41 54	-20 28				434013
31112	ST. PETERSBURG	8604	6 01	1 59 59.3	13 07 10	35 50				845032
11234	JUPITER-BN	9010	6 01	2 00 20.51	12 45 54	39 05				434013
31113	ST. PETERSBURG	8604	6 01	2 04 59.4	16 10 20	43 45				845032
11235	JUPITER-BN	9010	6 01	2 05 01.70	15 54 00	48 09				434013
31121	KANSAS CITY	0036	6 01	4 03 19.8			228 36	69 18		845303
11238	MAUI-BN	9012	6 01	7 59 29.91	12 40 30	63 26				434013
11236	MAUI-BN	9012	6 01	10 10 59.72	18 27 00	73 42				434013
31130	QUEZON CITY	0300	6 01	11 44 02			312	57 00		845302
31276	KANAYA MACHI	0220	6 01	11 54 12.8	13 33 30	31 42				845012
11232	TOKYO-BN	9005	6 01	11 55 08.00	13 24 42	30 22				434013
31275	HIGASHIMATSUYAMA	0210	6 01	11 55 58.7	13 55 18	31 54				845013
11237	MAUI-BN	9012	6 01	12 24 19.89	22 44 06	23 12				434013
51198	TINWA	1281	6 01	15 54 55.0	14 17 36	10 54				845009
51199	TINWA	1281	6 01	15 56 36.8	15 11 48	21 36				845009
11282	SHIRAZ-BN	9008	6 01	17 52 23.41	14 43 36	51 49				434013
11233	TOKYO-BN	9005	6 01	18 18 56.20	18 13 42	-9 45				434013
11258	JUPITER-BN	9010	6 02	1 33 55.14	10 29 06	17 42				434013
11259	JUPITER-BN	9010	6 02	1 35 15.19	11 00 12	24 09				434013
11240	ORGAN PASS-BN	9001	6 02	3 38 24.86	13 03 48	31 40				434013
11263	JUPITER-BN	9010	6 02	3 40 25.36	10 27 36	35 05				434013
31122	KANSAS CITY	0036	6 02	3 41 54.45			218 12	73		845303
31123	SAN ANTONIO	8610	6 02	3 41 55.6	13 51 00	49 31				845012
31114	FT. WORTH	0139	6 02	3 41 59.46	13 40 00	41 48				845013
11264	JUPITER-BN	9010	6 02	3 48 53.04	15 33 42	65 18				434013
31131	MADISON	0148	6 02	3 49 57.80	17 04 42	24 42				845014
51444	ALPINE-P	5089	6 02	5 42 52.5	13 57 42	48 00				637047
11241	ORGAN PASS-BN	9001	6 02	5 47 26.82	14 56 24	54 44				434013
11296	MAUI-BN	9012	6 02	7 38 00.86	12 57 24	64 52				434013
11242	ORGAN PASS-BN	9001	6 02	7 50 05.91	13 10 48	41 22				434013
11243	ORGAN PASS-BN	9001	6 02	8 02 30.41	21 15 00	14 04				434013
11265	JUPITER-BN	9010	6 02	8 05 44.05	19 10 06	18 30				434013
11297	MAUI-BN	9012	6 02	9 43 12.84	11 34 00	62 18				434013
11244	ORGAN PASS-BN	9001	6 02	10 03 28.23	18 15 48	4 10				434013
11277	TOKYO-BN	9005	6 02	11 38 39.90	16 33 24	36 18				434013
11298	MAUI-BN	9012	6 02	11 57 40.43	19 45 12	58 02				434013
11273	TOKYO-BN	9005	6 02	13 42 41.60	15 45 24	47 53				434013
31277	MITAKA	0229	6 02	13 43 00.3			15 24	77 42		845303
11299	MAUI-BN	9012	6 02	14 05 11.72	19 28 42	3 21				434013
11278	TOKYO-BN	9005	6 02	15 30 43.00	17 34 54	31 13				434013
51202	TBILISI	1053	6 02	17 28 31.4	14 16 24	17 18				845009
11283	SHIRAZ-BN	9008	6 02	17 28 47.85	13 18 00	47 57				434013
51203	TBILISI	1053	6 02	17 28 56.3	14 29 00	17 54				845009
51306	TCHARDJOU	1061	6 02	17 30 09.4	12 47 06	26 16				845009
51307	TCHARDJOU	1061	6 02	17 34 08.3	15 02 00	35 00				845009
51308	TCHARDJOU	1061	6 02	17 44 25.0	19 50 06	18 30				845009
11279	TOKYO-BN	9005	6 02	17 56 06.40	17 27 12	-2 06				434013
11284	SHIRAZ-BN	9008	6 02	19 35 48.18	13 37 12	58 10				434013
51040	BAUTZEN	8144	6 02	21 34 22.5	15 37 54	11 18				845009
51041	BAUTZEN	8144	6 02	21 37 49.9	17 21 12	9 00				845009
11285	SHIRAZ-BN	9008	6 02	21 45 25.62	16 55 48	47 36				434013
11286	SHIRAZ-BN	9008	6 02	23 52 19.63	17 32 54	3 31				434013
31115	ST. PETERSBURG	0121	6 03	1 16 22.7	12 32	34 00				845042
31116	ST. PETERSBURG	0121	6 03	1 20 01.2	15 12	43 15				845042
31117	ST. PETERSBURG	0121	6 03	1 21 11.7	16 22	46 10				845042
11311	JUPITER-BN	9010	6 03	3 22 14.02	11 32 00	51 32				434013
11312	JUPITER-BN	9010	6 03	3 25 48.39	14 11 36	63 53				434013
31118	SAN JOSE	8573	6 03	5 20 05.7	13 45 40	34 42				845012
31119	CHINA LAKE	0098	6 03	5 21 42.0			348 16 48	84 04 12		641303
11266	ORGAN PASS-BN	9001	6 03	5 25 22.96	14 40 54	54 26				434013
31132	MADISON	0148	6 03	5 31 20.40	16 04 36	28 52				845014
51443	SAN DIEGO-P	5095	6 03	7 30 11.0	16 07 12	52 42				637047
11267	ORGAN PASS-BN	9001	6 03	7 33 57.19	16 57 48	47 21				434013
11313	JUPITER-BN	9010	6 03	7 42 52.61	18 09 00	26 43				434013
11268	ORGAN PASS-BN	9001	6 03	9 41 48.75	18 06 48	5 39				434013
11280	AREQUIPA-BN	9007	6 03	9 59 21.31	22 28 00	34 56				434013
31279	MIZUSAWA	0267	6 03	11 22 00			81 36	30 12		845302
11301	MAUI-BN	9012	6 03	11 37 53.12	20 53 24	45 20				434013
31278	HIGASHIMATSUYAMA	0210	6 03	13 20 21.7	15 16 36	46 48				845013
11274	TOKYO-BN	9005	6 03	13 23 37.10	17 43 42	42 25				434013
11275	TOKYO-BN	9005	6 03	15 26 47.40	15 53 00	36 34				434013
11287	SHIRAZ-BN	9008	6 03	17 09 41.52	15 20 00	51 08				434013
51253	CHENGCHOW	1287	6 03	17 25 25.3	15 33 36	35 48				845009
11276	TOKYO-BN	9005	6 03	17 30 58.00	15 45 18	11 41				434013
51254	CHENGCHOW	1287	6 03	17 33 07.0	20 22 00	7 06				845009
11288	SHIRAZ-BN	9008	6 03	19 13 31.16	13 12 24	57 26				434013
51255	CHENGCHOW	1287	6 03	19 33 29.6	17 17 00	-2 48				845009
51256	CHENGCHOW	1287	6 03	19 34 43.0	17 50 24	-8 54				845009
51309	RIAZAN	1042	6 03	21 17 31.9			199 55	36 04		845309
51310	RIAZAN	1042	6 03	21 18 14.9			194 28	37 44		845309

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
91311	RIAZAN	1042	6 03	21 20 01.2			180 29	36 50		845309
91312	RIAZAN	1042	6 03	21 24 58.4			190 07	23 11		845309
11209	SHIRAZ-BN	9008	6 03	21 25 07.45	18 03 54	43 13				434013
91313	RIAZAN	1042	6 03	21 27 44.2			139 34	14 34		845309
91037	NEUDON	2715	6 03	23 14 28.7			194 48	54 50		637102
91038	NEUDON	2715	6 03	23 15 41.9			179 05	54 24		637102
91039	NEUDON	2715	6 03	23 16 02.2			174 58	53 50		637102
11270	SHIRAZ-BN	9008	6 03	23 32 00.66	18 08 06	- 2 42				434013
11319	JUPITER-BN	9010	6 04	2 57 42.41	10 19 42	40 27				434013
11316	JUPITER-BN	9010	6 04	3 00 46.10	11 36 54	54 00				434013
91129	ST. PETERSBURG	8604	6 04	3 02 41.0	14 09 05	58 50				845012
91334	CINCINNATI	0090	6 04	3 02 44.4	14 17 30	34 15				845004
11317	JUPITER-BN	9010	6 04	3 03 53.49	14 07 30	63 50				434013
91141	SACRAMENTO	8517	6 04	4 58 08.8	13 34 12	31 04	347 42 00	84 42 00		641013
91126	CHINA LAKE	0098	6 04	4 59 35.3			269 54	70 00		641303
91335	CINCINNATI	0050	6 04	5 08 39.0						845302
11320	JUPITER-BN	9010	6 04	5 17 22.14	20 08 00	42 00				434013
11249	ORGAN PASS-BN	9001	6 04	7 12 33.47	17 11 42	46 16				434013
11321	JUPITER-BN	9010	6 04	7 21 10.50	18 02 00	27 37				434013
11322	JUPITER-BN	9010	6 04	7 23 29.83	19 33 42	13 45				434013
11323	JUPITER-BN	9010	6 04	9 26 20.55	17 25 06	-12 29				434013
11324	JUPITER-BN	9010	6 04	9 28 47.35	18 27 18	-27 19				434023
11281	AREQUIPA-BN	9007	6 04	9 38 05.99	22 26 42	33 13				434013
10303	MAUI-BN	9012	6 04	11 15 36.39	20 21 54	48 15				434013
91406	HINOH	1290	6 04	12 46 46.3	13 56 24	67 00				845009
11292	SHIRAZ-BN	9008	6 04	18 34 42.33	16 04 00	60 40				434013
11293	SHIRAZ-BN	9008	6 04	21 02 51.30	17 33 54	45 06				434013
11309	SAN FERNANDO-BN	9004	6 04	22 49 55.07	14 42 06	45 36				434013
11294	SHIRAZ-BN	9008	6 04	23 09 28.24	17 31 48	3 39				434013
11310	SAN FERNANDO-BN	9004	6 05	0 37 09.73	15 55 12	31 36				434013
91133	TERRE HAUTE	8127	6 05	2 39 31.1	13 44 30	31 10				845042
91336	CINCINNATI	0050	6 05	2 40 35.0	14 00 00	33 45				845004
91134	N. CANTON	8536	6 05	2 41 04.9	13 46 35	30 11				641812
91135	N. CANTON	8591	6 05	2 41 32	14 07 28	30 42				845013
91142	PITTSBURGH	8612	6 05	2 42 19.4	14 16 30	33 06				845013
91136	PT. BELVOIR	8606	6 05	2 43 04.7			180 00	88 36		845302
91137	ROCHESTER	8564	6 05	2 43 32.6	14 41 06	27 40				845013
11328	JUPITER-BN	9010	6 05	2 45 30.18	17 34 48	57 49				434013
11271	OLIFANTSPNTN-BN	9002	6 05	3 29 38.60	2 26 24	- 0 20				434013
91448	AKRON-P	9099	6 05	3 41 16.0	13 53 06	30 30				637617
11304	ORGAN PASS-BN	9001	6 05	4 41 07.17	14 05 06	53 47				434013
91261	ALBUQUERQUE	8534	6 05	4 41 13.7	14 14 36	47 12				845043
91337	CINCINNATI	0050	6 05	4 49 08.5			160 18	86 06		845302
11329	JUPITER-BN	9010	6 05	4 49 38.33	15 17 00	62 43				434013
91138	ST. PETERSBURG	8604	6 05	4 50 05.0	16 32	60 45				845042
11305	ORGAN PASS-BN	9001	6 05	6 40 47.42	11 19 54	34 19				434013
91436	SPOKANE	8147	6 05	6 45 52.3			185 07 12	58 45 36		845309
11306	ORGAN PASS-BN	9001	6 05	6 50 15.06	16 42 24	47 24				434013
91338	CINCINNATI	0090	6 05	6 56 27.1	17 12 30	8 45				845004
11326	JUPITER-BN	9010	6 05	6 58 56.41	17 34 36	30 36				434013
11307	ORGAN PASS-BN	9001	6 05	6 59 40.02	21 06 00	6 20				434013
11327	JUPITER-BN	9010	6 05	7 01 36.99	19 20 12	15 25				434013
11308	ORGAN PASS-BN	9001	6 05	8 58 01.93	17 57 24	10 01				434013
91261	HANKING	1272	6 05	12 31 58.8	15 38 00	48 18				845009
91260	SAPPORO	0245	6 05	12 36 37.8	14 43 48	29 12				845002
91262	HANKING	1272	6 05	12 37 27.8	18 18 54	36 30				845009
91259	CHENGCHON	1287	6 05	14 34 10.0	13 45 18	48 00				845009
91263	HANKING	1272	6 05	14 37 47.0	15 36 00	55 06				845009
91260	CHENGCHON	1287	6 05	14 39 05.7	17 31 12	43 18				845009
91264	HANKING	1272	6 05	14 40 25.7	17 45 00	48 42				845009
91261	SAPPORO	0245	6 05	14 45 35.7	17 00 48	13 06				845002
11346	SHIRAZ-BN	9008	6 05	18 30 39.03	13 51 00	60 21				434013
11347	SHIRAZ-BN	9008	6 05	20 39 22.56	16 07 54	49 20				434013
11342	SAN FERNANDO-BN	9004	6 05	22 26 25.94	13 24 48	43 52				434013
91048	NEUDON	2715	6 05	22 30 21.5			193 27	55 53		637102
91046	NEUDON	2715	6 05	22 31 05.4			184 08	55 55		637102
91048	NEUDON	2715	6 05	22 33 08.2			180 06	52 09		637102
91049	NEUDON	2715	6 05	22 34 39.6			146 42	46 41		637102
91050	NEUDON	2715	6 05	22 35 32.5			140 41	42 53		637102
11348	SHIRAZ-BN	9008	6 05	22 49 12.90	18 10 30	- 3 13				434013
11336	CURACAO-BN	9009	6 06	0 11 30.31	9 42 48	62 46				434013
91144	STATE COLLEGE	8603	6 06	2 19 28.8			225 24	76 18		845302
11337	CURACAO-BN	9009	6 06	2 23 33.87	14 12 06	81 16				434013
11344	SAN FERNANDO-BN	9004	6 06	2 41 34.73	16 22 18	1 48				434013
11339	OLIFANTSPNTN-BN	9002	6 06	3 04 02.35	22 24 48	33 17				434013
11336	OLIFANTSPNTN-BN	9002	6 06	3 06 20.98	0 29 48	15 58				434013
11337	OLIFANTSPNTN-BN	9002	6 06	3 11 17.14	3 46 48	-13 16				434013
11334	ORGAN PASS-BN	9001	6 06	4 30 43.02	19 42 42	24 11				434013
91139	N. CANTON	8599	6 06	4 31 03.4	17 37 14	21 44				845013
11371	MAUI-BN	9012	6 06	6 07 19.55	10 18 06	54 35				434013
91438	SPOKANE	8147	6 06	6 23 44.0			184 56 24	59 33 00		845309
91145	WALNUT CREEK	8595	6 06	6 24 32.3	16 32 20	36 16				845014
11330	ORGAN PASS-BN	9001	6 06	6 28 17.86	16 32 12	47 32				434013
11339	JUPITER-BN	9010	6 06	6 36 40.59	17 13 34	32 40				434013
11340	JUPITER-BN	9010	6 06	6 38 33.14	18 22 48	24 10				434013
91140	N. CANTON	8599	6 06	6 39 00.9	18 38 00	-10 32				845013
11331	ORGAN PASS-BN	9001	6 06	8 40 43.97	19 47 12	-11 33				434013
11338	JUPITER-BN	9010	6 06	8 42 04.92	16 46 48	- 5 38				434013
11332	ORGAN PASS-BN	9001	6 06	8 43 43.96	21 01 12	-23 05				434023
11373	MAUI-BN	9012	6 06	10 32 54.75	20 20 24	41 38				434013
91283	HIZUSAWA	0267	6 06	12 11 00			266 36	62 42		845302
91284	TAKADA	0290	6 06	12 13 46	14 30	43				845002
91282	HIGASHIMATSUYAMA	0210	6 06	12 14 01.2	14 26 00	46 30				845013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31283	MUSASHINO	0233	6 06	12 14 07.4			0 00	78 12		843302
11374	MAUI-BN	9012	6 06	12 35 52.94	17 15 42	25 59				434013
51257	LANCHOW	1273	6 06	14 02 53.2	12 28 06	40 36				843009
51258	LANCHOW	1273	6 06	14 09 03.2	18 16 12	28 36				843009
11362	TOKYO-BN	9005	6 06	14 24 27.00	17 38 00	28 52				434013
11364	SHIRAZ-BN	9008	6 06	18 09 23.27	14 26 36	61 06				434013
11365	SHIRAZ-BN	9008	6 06	20 18 17.73	16 40 36	47 46				434013
11341	VOONERA-BN	9003	6 06	20 55 32.22	1 27 30	- 7 07				434013
11359	SAN FERNANDO-BN	9004	6 06	22 05 39.36	14 08 18	45 33				434013
11366	SHIRAZ-BN	9008	6 06	22 26 33.35	17 33 36	3 04				434013
11360	SAN FERNANDO-BN	9004	6 07	0 13 02.33	15 24 30	33 23				434013
31146	ROCHESTER	8564	6 07	1 57 29.5	13 07 54	24 45				843033
31147	ROCHESTER	8564	6 07	1 58 29.8	13 42 36	26 24				843033
31148	ROCHESTER	8564	6 07	2 00 09.0	14 40 54	27 15				843033
31149	STATE COLLEGE	8603	6 07	2 00 58.2						843302
11361	SAN FERNANDO-BN	9004	6 07	2 19 53.49	16 15 12	2 16	106 42	70 30		434013
31150	ST. PETERSBURG	0121	6 07	4 05 22.5	15 24 10	61 05				843032
51444	ALPINE-P	5089	6 07	6 01 52.0	13 00 00	52 54				637047
11350	ORGAN PASS-BN	9001	6 07	6 07 03.99	16 55 36	45 26				434013
11351	ORGAN PASS-BN	9001	6 07	6 11 31.87	19 16 36	25 48				434013
31151	SACRAMENTO	8517	6 07	6 12 54.8	19 58 30	6 29				641013
11352	ORGAN PASS-BN	9001	6 07	6 15 31.75	20 26 30	9 28				434013
11376	MAUI-BN	9012	6 07	7 57 25.81	15 07 30	74 21				434013
11355	AREQUIPA-BN	9007	6 07	8 33 48.74	22 01 00	30 08				434013
11377	MAUI-BN	9012	6 07	10 06 30.11	17 15 30	63 21				434013
31318	MUZUSAWA	0267	6 07	11 49 00			265 30	64 18		843302
11363	TOKYO-BN	9005	6 07	11 51 40.50	13 58 54	47 16				434013
31314	HIGASHIMATSUYAMA	0210	6 07	11 51 51.6	14 08 42	46 24				843012
31316	MUSASHINO	0233	6 07	11 51 55.0			0 00	78 48		843302
31317	TAKADA	0250	6 07	11 52 56	15 12	43				843012
31315	SAPPORO	0245	6 07	11 53 16.8	14 43 48	29 06				843012
31313	ASAKIKAWA	0201	6 07	11 53 23.0	14 37 48	27 48				843012
11378	MAUI-BN	9012	6 07	12 15 21.89	17 55 48	20 24				434013
51276	NINHOW	1290	6 07	15 59 30.5	14 37 48	52 48				843009
51277	NINHOW	1290	6 07	16 09 55.7	20 45 00	11 18				843009
11367	SHIRAZ-BN	9008	6 07	17 44 56.38	12 05 42	56 54				434013
11384	SAN FERNANDO-BN	9004	6 07	21 44 27.07	14 35 54	45 39				434013
11369	SHIRAZ-BN	9008	6 07	22 05 12.86	17 39 18	1 30				434013
11385	SAN FERNANDO-BN	9004	6 07	23 51 41.00	15 38 00	32 49				434013
11386	SAN FERNANDO-BN	9004	6 08	1 55 22.91	15 01 30	11 12				434013
11382	OLIFANTSFRTH-BN	9002	6 08	2 20 57.11	21 55 06	32 27				434013
11383	OLIFANTSFRTH-BN	9002	6 08	2 23 17.68	23 47 30	16 54				434013
11380	ORGAN PASS-BN	9001	6 08	3 41 08.05	17 37 00	41 17				434013
11381	ORGAN PASS-BN	9001	6 08	3 45 12.05	18 50 00	28 40				434013
51437	SPOKANE	8147	6 08	5 39 27.5			184 34 48	59 56 24		843309
11379	ORGAN PASS-BN	9001	6 08	5 51 11.99	19 33 24	19 13				434013
31319	SAPPORO	0245	6 08	11 31 57.5	14 56 42	28 42				843012
51265	SIKING	1277	6 08	13 24 22.7	11 29 06	42 48				843009
51264	SIKING	1277	6 08	13 27 41.2	13 53 48	51 12				843009
51289	CHEUNGCHOW	1287	6 08	13 28 00.7	13 09 30	48 24				843009
51290	CHEUNGCHOW	1287	6 08	13 33 49.0	17 21 18	40 00				843009
51320	SAPPORO	0245	6 08	13 40 22.0	16 42 54	13 30				843009
11474	TOKYO-BN	9005	6 08	13 46 11.90	18 53 36	14 26				434013
51267	SIKING	1277	6 08	15 35 05.2	15 03 24	42 54				843009
51268	SIKING	1277	6 08	15 37 07.9	16 27 54	38 42				843009
51278	YUNGING	1291	6 08	15 37 59.2	17 35 36	60 12				843009
51291	CHEUNGCHOW	1287	6 08	15 39 17.6	17 00 42	30 42				843009
51279	YUNGING	1291	6 08	15 40 03.8	18 54 00	50 42				843009
51292	CHEUNGCHOW	1287	6 08	15 41 47.6	18 19 12	20 30				843009
51284	EREVAN	1018	6 08	17 21 29.7	12 52 54	32 30				843009
51285	EREVAN	1018	6 08	17 22 57.9	13 51 36	34 06				843009
11406	SHIRAZ-BN	9008	6 08	17 23 14.87	12 10 42	58 14				434013
51286	EREVAN	1018	6 08	17 25 12.5	15 16 24	33 48				843009
51287	EREVAN	1018	6 08	17 29 25.2	17 26 42	25 54				843009
51288	EREVAN	1018	6 08	17 31 39.7	17 59 30	20 40				843009
51269	RIAZAN	1042	6 08	19 29 22.0			180 29	39 43		843309
51379	DNEPROPTVSK	1017	6 08	19 29 35.8	15 50 40	13 18				843009
51270	RIAZAN	1042	6 08	19 30 04.5			174 56	39 18		843309
51271	RIAZAN	1042	6 08	19 31 11.8			166 37	37 16		843309
51272	RIAZAN	1042	6 08	19 32 11.6	60 16	35 24				843009
51380	DNEPROPTVSK	1017	6 08	19 34 43.7	17 52 00	3 48				843009
11407	SHIRAZ-BN	9008	6 08	19 34 47.03	16 42 06	46 44				434013
51273	RIAZAN	1042	6 08	19 35 15.3			145 12	26 28		843309
51381	DNEPROPTVSK	1017	6 08	19 36 50.4	18 28 42	0 30				843009
51274	RIAZAN	1042	6 08	19 37 36.1			136 19	19 32		843309
51275	RIAZAN	1042	6 08	19 38 14.2			136 10	17 44		843309
11387	VOONERA-BN	9003	6 08	20 11 47.98	23 39 24	2 18				434013
11388	SAN FERNANDO-BN	9004	6 08	21 23 28.94	15 12 12	44 31				434013
31152	HANNOVER	8070	6 08	21 26 10.1	14 34 06	8 55				843012
51280	MOSCOW	1072	6 08	21 28 54.9	14 08 30	1 24				843009
31153	HANNOVER	8070	6 08	21 29 19.9	15 56 18	5 21				843012
51281	MOSCOW	1072	6 08	21 30 45.1	14 46 18	- 0 42				843009
51282	MOSCOW	1072	6 08	21 36 02.6	16 36 00	- 9 48				843009
51283	MOSCOW	1072	6 08	21 39 06.5	17 35 00	-15 48				843009
11408	SHIRAZ-BN	9008	6 08	21 42 02.72	16 50 36	9 33				434013
11389	SAN FERNANDO-BN	9004	6 08	23 29 18.29	15 13 06	34 08				434013
11391	ORGAN PASS-BN	9001	6 09	3 12 09.33	12 39 48	52 22				434013
31154	SACRAMENTO	8517	6 09	5 16 02.9			0 00	88 43		641304
31155	VAN NUYS	0113	6 09	5 17 13.0	14 35 57	49 59				843003
31183	WALNUT CREEK	8556	6 09	5 19 02.8	16 16 40	36 43				843014
11392	ORGAN PASS-BN	9001	6 09	5 24 04.03	17 12 48	41 41				434013
11393	ORGAN PASS-BN	9001	6 09	5 27 27.95	18 45 24	26 54				434013
11416	JUPITER-BN	9010	6 09	5 30 40.19	16 32 12	36 12				434013

OBJ NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11394	ORGAN PASS-BN	9001	6 09	5 32 35.83	20 05 54	7 44				434013
11399	ORGAN PASS-BN	9001	6 09	7 30 21.12	16 52 30	15 22				434013
11382	TIENTSIN	1282	6 09	15 12 39.7	13 41 48	28 36				845009
11383	TIENTSIN	1282	6 09	15 14 24.2	14 37 30	27 00				845009
11410	SHIRAZ-BN	9008	6 09	17 01 35.01	12 19 12	59 30				434013
11434	MOONERA-BN	9003	6 09	19 50 30.93	23 35 54	1 02				434013
11051	NEUDON	2715	6 09	21 00 00.1			211 48	53 20		637102
11052	NEUDON	2715	6 09	21 01 37.6			192 59	56 40		637102
11053	NEUDON	2715	6 09	21 02 07.7			186 33	56 57		637102
11055	NEUDON	2715	6 09	21 04 11.2			161 08	54 31		637102
11054	NEUDON	2715	6 09	21 05 36.6			147 33	50 05		637102
11057	NEUDON	2715	6 09	21 06 12.5			142 54	47 50		637102
11058	NEUDON	2715	6 09	21 07 10.8			136 34	43 58		637102
11060	NEUDON	2715	6 09	21 09 12.5			127 05	35 38		637102
11061	NEUDON	2715	6 09	21 10 07.7			123 56	31 56		637102
11062	NEUDON	2715	6 09	21 11 05.0			121 10	28 12		637102
11063	NEUDON	2715	6 09	21 12 08.0			118 44	24 20		637102
11064	NEUDON	2715	6 09	21 13 13.9			116 32	20 29		637102
11411	SHIRAZ-BN	9008	6 09	21 20 02.69	16 38 24	11 01				434013
11065	NEUDON	2715	6 09	23 05 56.0			229 13	40 21		637102
11066	NEUDON	2715	6 09	23 06 14.5			226 57	40 57		637102
11404	SAN FERNANDO-BN	9004	6 09	23 07 11.79	14 58 48	34 30				434013
11067	NEUDON	2715	6 09	23 07 15.8			218 53	42 27		637102
11068	NEUDON	2715	6 09	23 08 10.9			211 05	43 08		637102
11069	NEUDON	2715	6 09	23 09 03.6			203 30	43 10		637102
11207	BRISTOL	0682	6 09	23 10 24	16 20 12	- 1 48				845042
11070	NEUDON	2715	6 09	23 10 44.7			189 16	41 30		637102
11071	NEUDON	2715	6 09	23 11 02.5			186 53	40 58		637102
11072	NEUDON	2715	6 09	23 12 15.3			177 54	38 16		637102
11073	NEUDON	2715	6 09	23 13 27.2			170 06	34 57		637102
11075	NEUDON	2715	6 09	23 15 10.2			161 03	29 29		637102
11076	NEUDON	2715	6 09	23 16 14.6			156 26	25 54		637102
11405	SAN FERNANDO-BN	9004	6 10	1 10 31.43	14 15 24	14 50				434013
11156	WICHITA	8609	6 10	2 53 43.88	13 29 29	42 25				845012
11150	ST. PETERSBURG	8604	6 10	3 00 23.00	16 06 05	59 35				845042
11163	SAN JOSE	8573	6 10	4 54 04.8	14 05 54	43 29				845013
11396	ORGAN PASS-BN	9001	6 10	5 09 23.91	19 34 36	12 15				434013
11417	MAUI-BN	9012	6 10	6 52 02.93	15 48 12	72 25				434013
11164	SAN JOSE	8573	6 10	7 02 06.1	15 36 30	27 01				845012
11184	WALNUT CREEK	8535	6 10	7 07 25.7	15 30 32	24 38				845014
11397	ORGAN PASS-BN	9001	6 10	7 08 05.53	16 33 06	17 32				434013
11414	AREQUIPA-BN	9007	6 10	7 54 52.55	0 42 12	- 9 41				434013
11321	HIGASHIMATSUYAMA	0210	6 10	10 45 09.5	13 08 00	46 00				845013
11322	HIGASHIMATSUYAMA	0233	6 10	10 45 22.7			0 00	78 30		845012
11473	TOKYO-BN	9005	6 10	10 49 00.60	15 53 12	42 16				434013
11395	CHENGCHOW	1287	6 10	12 43 29.2	12 24 06	48 12				845009
11396	CHENGCHOW	1287	6 10	12 47 24.6	15 31 06	46 30				845009
11407	HIRSHU	1290	6 10	12 51 35.9	17 50 18	52 48				845009
11323	HIGASHIMATSUYAMA	0210	6 10	12 54 04.2	15 29 48	37 12				434013
11476	TOKYO-BN	9005	6 10	12 54 26.10	15 38 48	37 12				434013
11408	HIRSHU	1290	6 10	14 50 21.5	12 09 00	51 30				845009
11397	CHENGCHOW	1287	6 10	14 51 08.7	15 59 00	40 30				845009
11398	CHENGCHOW	1287	6 10	14 52 37.6	15 11 00	38 06				845009
11384	PEIPING	1271	6 10	14 55 41.0	16 21 24	17 30				845009
11477	TOKYO-BN	9005	6 10	15 02 25.00	16 31 12	3 29				434013
11409	HIRSHU	1290	6 10	15 03 45.1	19 51 42	15 06				845009
11433	SHIRAZ-BN	9008	6 10	16 38 11.00	10 58 30	55 49				434013
11387	STALINABAD	1047	6 10	16 44 54.1	13 36 00	37 18				845009
11388	STALINABAD	1047	6 10	16 46 09.3	14 28 30	37 12				845009
11389	STALINABAD	1047	6 10	16 48 53.5	16 10 00	32 12				845009
11390	STALINABAD	1047	6 10	16 49 14.1	16 15 06	31 12				845009
11394	THABDJOU	1061	6 10	16 50 11.9	17 19 54	27 24				845009
11391	STALINABAD	1047	6 10	16 51 17.6	17 18 00	24 42				845009
11392	STALINABAD	1047	6 10	16 52 29.6	18 05 00	20 24				845009
11393	STALINABAD	1047	6 10	16 57 42.8	19 11 30	5 30				845009
11399	CHENGCHOW	1287	6 10	16 58 11.7	15 00 42	13 00				845009
11400	CHENGCHOW	1287	6 10	17 01 47.0	16 35 42	0 30				845009
11401	EREVAN	1018	6 10	18 04 51.0	13 53 48	52 24				845009
11402	EREVAN	1018	6 10	18 47 19.0	15 25 42	29 06				845009
11403	EREVAN	1018	6 10	18 48 11.6	15 55 00	26 48				845009
11404	EREVAN	1018	6 10	18 49 35.5	16 38 24	22 48				845009
11405	EREVAN	1018	6 10	18 50 29.8	7 02 48	20 00				845009
11412	SHIRAZ-BN	9008	6 10	18 53 07.26	17 45 42	36 52				434013
11204	MANROVER	8069	6 10	22 47 14.9	14 43 06	0 14				845012
11181	ST. PETERSBURG	8604	6 11	2 37 55.1	15 34 18	60 46				845012
11160	CLEVELAND	8607	6 11	2 39 20.6	15 47	26 18				845041
11401	OLIFANTSFNTH-BN	9002	6 11	3 21 04.95	19 19 30	-11 40				434013
11402	OLIFANTSFNTH-BN	9002	6 11	3 25 19.45	1 23 00	-55 02				434023
11403	OLIFANTSFNTH-BN	9002	6 11	3 28 05.52	4 32 18	-41 52				434023
11201	SAN JOSE	8573	6 11	4 31 46.8	13 44 02	43 20				845012
11202	SAN JOSE	8573	6 11	4 32 52.1	15 31 30	42 59				845012
11177	DENVER	8592	6 11	4 40 17.4			122 12	63 42		845303
11194	FT. WORTH	0139	6 11	4 40 24.2	15 25 42	43 19				845013
11178	DENVER	8592	6 11	4 41 42.2			116 12	56 18		845303
11398	ORGAN PASS-BN	9001	6 11	4 43 15.92	18 14 18	27 56				434013
11399	ORGAN PASS-BN	9001	6 11	4 46 11.96	19 03 00	16 45				434013
11182	ST. PETERSBURG	8604	6 11	4 47 03.3	16 56 45	34 00				845012
11400	ORGAN PASS-BN	9001	6 11	4 49 23.99	19 42 30	6 42				434013
11431	MAUI-BN	9012	6 11	6 29 26.77	15 02 00	73 43				434013
11203	SAN JOSE	8573	6 11	6 40 47.3	15 31 42	25 48				845012
11200	SAN JOSE	8573	6 11	6 40 58.4	15 54 01	25 24				845012
11324	HIGASHIMATSUYAMA	0210	6 11	10 23 02	12 55	45 48				845013
11478	TOKYO-BN	9005	6 11	12 31 36.20	14 54 48	39 26				434013
11323	HIGASHIMATSUYAMA	0210	6 11	12 31 44.8	15 03 54	38 12				845013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31326	SAPPORO	0245	6 11	12 32 19.2	15 06 30	20 00				845012
31422	TIENTSIN	1282	6 11	14 28 46.4	13 23 30	29 12				845009
31412	CHEONGCHOW	1287	6 11	14 29 02.4	13 46 36	41 00				845009
31413	CHEONGCHOW	1287	6 11	14 32 36.7	16 04 48	32 00				845009
31328	SAPPORO	0245	6 11	14 39 27.9	13 55 30	- 4 18				845012
31327	MITAKA	0229	6 11	14 39 48.3						845013
31479	TOKYO-BN	9005	6 11	14 39 58.30	16 07 18	6 17	212 30	57 00		434013
31416	TIHWA	1281	6 11	16 28 35.4	14 22 12	17 42				845009
31417	TIHWA	1281	6 11	16 30 36.8	15 24 24	13 42				845009
31414	CHEONGCHOW	1287	6 11	16 36 29.4	14 57 54	12 48				845009
31423	TIENTSIN	1282	6 11	16 37 02.2	13 06 24	3 12				845009
31420	MINHOU	1290	6 11	16 37 07.8	14 13 06	26 06				845009
31421	MINHOU	1290	6 11	16 39 20.9	15 00 48	20 30				845009
31415	CHEONGCHOW	1287	6 11	16 39 38.7	16 19 12	2 06				845009
31424	TIENTSIN	1282	6 11	16 40 41.9	16 29 30	- 9 00				845009
31410	BATUMI	1009	6 11	18 22 57.2						845309
31426	EREVAN	1018	6 11	18 24 32.7	15 22 30	28 36	198 54	76 68		845009
31419	TBILISI	1053	6 11	18 24 42.7	14 48 54	26 48				845009
31425	EREVAN	1018	6 11	18 24 42.8	14 53 30	30 30				845009
31418	TBILISI	1053	6 11	18 27 18.4	14 43 12	27 04				845009
31427	EREVAN	1018	6 11	18 27 41.8	16 29 12	22 42				845009
31428	EREVAN	1018	6 11	18 27 57.3	16 36 18	21 54				845009
31411	BATUMI	1009	6 11	18 27 58.3			118 80	52 62		845309
31429	EREVAN	1018	6 11	18 28 23.6	16 48 36	20 30				845009
31435	WOOMERA-BN	9003	6 11	19 07 13.76	22 44 48	3 35				434013
31428	SHIRAZ-BN	9008	6 11	20 36 59.44	16 43 54	9 13				434013
31077	NEUDON	2715	6 11	22 20 48.2			234 45	39 29		637102
31078	NEUDON	2715	6 11	22 21 17.2			231 25	40 34		637102
31079	NEUDON	2715	6 11	22 22 05.0			225 31	42 20		637102
31418	SAN FERNANDO-BN	9004	6 11	22 23 16.26	14 42 36	35 30				434013
31080	NEUDON	2715	6 11	22 23 23.9			214 40	44 08		637102
31081	NEUDON	2715	6 11	22 24 02.9			208 52	44 40		637102
31083	NEUDON	2715	6 11	22 26 18.0			189 14	43 22		637102
31084	NEUDON	2715	6 11	22 27 28.9			179 53	41 11		637102
31085	NEUDON	2715	6 11	22 28 36.7			172 01	38 21		637102
31419	SAN FERNANDO-BN	9004	6 12	0 26 27.29	13 48 24	16 22				434013
31187	TERRE HAUTE	8127	6 12	2 12 48.2			180	87 44		845303
31170	N. CANTON	8584	6 12	2 14 41.4	13 58 50	33 08				845013
31204	ST. PETERSBURG	0121	6 12	2 15 20.9	14 57 30	61 45				845032
31210	N. CANTON	8594	6 12	2 16 00.3	14 47 24	30 17				441012
31188	ROCHESTER	85050	6 12	2 16 05.0	14 17 42	25 32				845013
31189	STATE COLLEGE	8594	6 12	2 16 06.7			180 12	80 24		845303
31179	ROCHESTER	8585	6 12	2 16 41.8	14 42 06	25 05				845013
31219	VAN NUYS	0113	6 12	4 10 34.8	13 34 40	51 17				845013
31191	DENVER	8592	6 12	4 15 19.6			180 00	82 15 00		845303
31192	DENVER	8592	6 12	4 17 07.7			127 45 00	72 03 00		845303
31195	FT. WORTH	0139	6 12	4 17 48.42	14 52 38	45 03				845013
31196	WICHITA	8405	6 12	4 18 11.99	15 06 33	31 20				845012
31199	WICHITA	8405	6 12	4 18 14.18	15 07 43	31 27				845012
31205	KANSAS CITY	0036	6 12	4 19 28.2			171 03 00	75 42		845012
31193	DENVER	8592	6 12	4 19 45.0			114 01 12	55 06		845303
31172	CLEVELAND	8407	6 12	4 20 53.9	14 40	14 36				845041
31186	TERRE HAUTE	8127	6 12	4 22 03.2	15 53 13	16 07				845043
31190	STATE COLLEGE	8403	6 12	4 26 04.6			180 00	90 00		845302
31421	JUPITER-BN	9010	6 12	4 28 52.79	18 15 18	18 18				434013
31429	MAUI-BN	9012	6 12	8 23 06.38	19 26 54	31 16				434013
31240	TAIPEI	0502	6 12	12 06 15.9	16 30 41	61 17				845012
31426	TOKYO-BN	9005	6 12	12 07 47.80	13 31 30	42 10				434013
31344	NANKING	1272	6 12	14 05 44.0	11 51 48	42 18				845009
31344	NANKING	1284	6 12	14 06 58.3	12 51 18	13 48				845009
31345	NANKING	1284	6 12	14 11 09.0	14 39 00	8 18				845009
31345	NANKING	1272	6 12	14 11 23.1	15 28 48	47 54				845009
31327	STALINABAD	1047	6 12	16 00 27.2	12 52 00	38 30				845009
31328	STALINABAD	1047	6 12	16 01 39.1	13 44 00	38 42				845009
31329	STALINABAD	1047	6 12	16 02 46.3	14 32 00	27 06				845009
31330	STALINABAD	1047	6 12	16 04 09.2	15 20 00	34 24				845009
31334	FRUNZE	1058	6 12	16 04 30.1	12 51 30	25 00				845009
31331	STALINABAD	1047	6 12	16 04 46.7	15 42 30	32 42				845009
31350	STALINABAD	1047	6 12	16 05 45.8	16 15 30	29 24				845009
31332	STALINABAD	1047	6 12	16 07 19.5	17 16 30	23 12				845009
31333	STALINABAD	1047	6 12	16 08 40.5	17 25 00	20 00				845009
31325	CHEONGCHOW	1287	6 12	16 12 10.9	13 49 06	18 48				845009
31347	MINHOU	1290	6 12	16 12 57.0	13 14 36	29 18				845009
31346	NANKING	1272	6 12	16 15 02.0	13 47 18	17 54				845009
31326	CHEONGCHOW	1287	6 12	16 16 00.8	15 25 30	8 54				845009
31335	EREVAN	1018	6 12	18 00 20.4	13 12 12	33 06				845009
31336	EREVAN	1018	6 12	18 01 54.9	14 13 48	31 48				845009
31340	TBILISI	1053	6 12	18 02 45.5	14 41 12	26 42				845009
31341	TBILISI	1053	6 12	18 03 29.5	15 06 12	25 18				845009
31437	SHIRAZ-BN	9008	6 12	18 04 25.42	14 21 30	53 24				434013
31337	EREVAN	1018	6 12	18 05 42.2	16 19 00	22 42				845009
31338	EREVAN	1018	6 12	18 06 02.8	16 28 06	21 36				845009
31339	EREVAN	1018	6 12	18 07 05.4	16 38 00	17 54				845009
31423	WOOMERA-BN	9003	6 12	18 45 53.08	22 40 24	2 11				434013
31482	SPETSAI	8078	6 12	19 34 54.0			102 37 48	33 49 12		834309
31483	SPETSAI	8078	6 12	20 05 00.0			306 26 24	75 57 00		834309
31458	SHIRAZ-BN	9008	6 12	20 15 14.72	16 40 24	9 09				434013
31424	WOOMERA-BN	9003	6 12	20 31 01.78	22 03 18	-58 58				434023
31425	SAN FERNANDO-BN	9004	6 12	22 02 38.06	15 24 00	32 21				434013
31484	SPETSAI	8078	6 12	22 03 03.0			91 42 00	30 25 12		834309
31196	N. CANTON	8584	6 13	1 52 44.7	13 51 12	33 10				845012
31436	OLIFANTSFRN-BN	9002	6 13	2 41 55.86	23 46 06	-49 40				434023
31422	ORGAN PASS-BN	9001	6 13	3 52 37.88	14 11 54	52 01				434013
31244	EDINBURG	0066	6 13	3 55 35.0			0	96 50		845303

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
31212	FT. WORTH	0139	6 13	3 55 51.85	14 46 06	45 12				845013
31269	EDINBURG	0066	6 13	3 57 40.3			27	57 20		845303
31266	EDINBURG	0066	6 13	4 00 11.2			55 30	52		845303
31197	N. CANTON	8572	6 13	4 02 45.1	16 07 12	6				845013
31230	PITTSBURGH	8611	6 13	4 03 02.8	16 10 48	- 5 18				845042
31211	STATE COLLEGE	8603	6 13	4 03 45.2			180 48	51 42		845302
31231	PITTSBURGH	8611	6 13	4 06 30.9	17 31 00	- 5 48				845042
31439	SPOKANE	8147	6 13	5 55 24.2			203 24 00	47 50 24		845309
31222	SAN JOSE	8573	6 13	5 55 50.9	14 58 20	28 00				845012
31223	SAN JOSE	8573	6 13	5 56 01.6	15 02 10	27 36				845012
31263	EDINBURG	0066	6 13	6 00 08.2			246	75 50		845303
31214	DENVER	8592	6 13	6 03 16.0			180 00	50 30		845303
31215	DENVER	8592	6 13	6 04 40.4			168 54	46 36		845303
31215	FT. WORTH	0139	6 13	6 04 58.42	16 06 30	7 27				845013
31216	DENVER	8592	6 13	6 05 43.8			162 30	40 12		845302
11442	HAU1-BN	9012	6 13	7 52 57.95	15 14 18	67 01				434013
11443	HAU1-BN	9012	6 13	10 02 52.00	16 32 48	30 22				434013
31374	YATSUSHIRO	0272	6 13	11 43 50			0 00	61 00		845302
31373	TAKADA	0250	6 13	11 47 01	14 32	37				845002
31319	HANKING	1272	6 13	13 41 18.2	13 16 30	44 48				845009
31314	HANKING	1272	6 13	13 42 46.9	11 10 48	41 18				845009
31321	SIKING	1277	6 13	13 45 10.6	14 23 54	44 18				845009
31322	SIKING	1277	6 13	13 45 56.4	14 58 54	42 24				845009
31247	TAIPEI	0502	6 13	13 50 29.9	15 38 49	52 48				845012
31316	HINHOW	1290	6 13	13 50 46.3	16 22 00	48 42				845009
31248	TAIPEI	0502	6 13	13 53 02.6	17 13 42	42 16				845012
31375	MIYAZAKI	0230	6 13	13 55 52.6	16 49 54	16 30				845012
31376	SAPPORO	0245	6 13	13 57 28.8	16 16 06	- 9 00				845012
31323	TIMMA	1281	6 13	15 42 40.2	13 01 18	20 18				845009
31324	TIMMA	1281	6 13	15 46 11.2	15 12 12	13 18				845009
31317	TIENTSIN	1282	6 13	15 52 18.4	14 24 12	6 24				845009
31319	CHENGCHOW	1287	6 13	15 52 57.1	14 46 42	13 00				845009
31320	CHENGCHOW	1287	6 13	15 54 54.2	15 38 30	6 36				845009
31318	TIENTSIN	1282	6 13	15 56 29.9	16 01 06	- 6 12				845009
11459	SHIRAZ-BN	9008	6 13	17 42 01.31	13 53 36	54 24				434013
31485	SPETSAI	8078	6 13	19 35 25.3			101 35 24	47 58 48		834309
31486	SPETSAI	8078	6 13	19 40 39.8			61 54 00	84 39 36		834309
31430	EREVAN	1018	6 13	19 45 24.9	14 11 48	14 00				845009
31431	EREVAN	1018	6 13	19 46 42.4	14 47 36	11 00				845009
31432	EREVAN	1018	6 13	19 48 55.1	15 45 54	4 30				845009
31433	EREVAN	1018	6 13	19 51 13.3	16 42 18	- 2 54				845009
11460	SHIRAZ-BN	9008	6 13	19 51 42.45	15 46 12	16 41				434013
31434	EREVAN	1018	6 13	19 53 48.3	17 37 00	-10 42				845009
31435	EREVAN	1018	6 13	19 54 20.9	17 47 36	-12 12				434013
11441	MOONRA-BN	9003	6 13	20 29 21.38	21 29 00	-54 13				434023
31177	HEUDON	2715	6 13	21 37 17.9			228 59	41 55		637102
31178	HEUDON	2715	6 13	21 38 47.7			216 46	44 47		637102
31179	HEUDON	2715	6 13	21 39 12.9			213 00	45 18		637102
11494	SAN FERNANDO-BN	9004	6 13	21 39 20.43	14 26 12	36 03				434013
31180	HEUDON	2715	6 13	21 40 13.0			203 52	45 54		637102
31181	HEUDON	2715	6 13	21 41 04.0			194 00	45 37		637102
31182	HEUDON	2715	6 13	21 42 13.4			185 53	44 19		637102
31184	HEUDON	2715	6 13	21 44 16.4			170 26	39 45		637102
31185	HEUDON	2715	6 13	21 45 03.1			165 38	37 32		637102
31186	HEUDON	2715	6 13	21 46 09.1			160 01	34 20		637102
31187	HEUDON	2715	6 13	21 47 06.3			155 19	31 03		637102
11455	SAN FERNANDO-BN	9004	6 13	23 42 11.25	13 16 18	17 56				434013
11449	JUPITER-BN	9010	6 14	1 27 36.87	10 12 00	59 42				434013
11450	JUPITER-BN	9010	6 14	1 36 31.62	17 27 06	44 42				434013
11444	ORGAN PASS-BN	9001	6 14	3 27 48.47	11 36 18	52 03				434013
31262	ALBUQUERQUE	8534	6 14	3 30 33.0	13 59 12	45 36				845043
31227	DENVER	8592	6 14	3 30 54.8			180 00	87 15 00		845303
31228	DENVER	8592	6 14	3 33 02.0			120 48	70 45 00		845303
11445	ORGAN PASS-BN	9001	6 14	3 33 37.0	16 03 30	43 08				434013
31208	FT. WORTH	0139	6 14	3 35 24.0	15 40 48	40 42				845013
31229	DENVER	8592	6 14	3 35 31.0			111 00	54 15 00		845303
31220	SAN JOSE	8573	6 14	5 34 07.3	14 58 10	-28 01				845012
31221	SAN JOSE	8573	6 14	5 35 00.6	15 28 10	25 46				845012
31349	VAN NUYS	0113	6 14	5 35 10.2			180	88 37 48		845303
31440	SPOKANE	8147	6 14	5 35 13.7	16 12 34	8 07				845009
31244	SACRAMENTO	8517	6 14	5 37 47.4	16 41 48	13 24				641013
11446	ORGAN PASS-BN	9001	6 14	5 38 20.00	14 56 54	26 44				434013
31245	SACRAMENTO	8517	6 14	5 38 21.2	16 54 12	11 33				641013
31224	DENVER	8592	6 14	5 40 57.2			180 00	52 00		845303
11447	ORGAN PASS-BN	9001	6 14	5 41 59.97	16 46 42	12 35				434013
11451	JUPITER-BN	9010	6 14	5 42 15.88	13 42 18	17 25				434013
31223	DENVER	8592	6 14	5 42 26.1			167 48	46 18		845303
31209	FT. WORTH	0139	6 14	5 43 33.52	16 12 00	5 51				845013
31226	DENVER	8592	6 14	5 44 08.5			157 48	39 18		845303
11448	ORGAN PASS-BN	9001	6 14	5 45 23.95	18 04 12	- 1 19				434013
11442	VILLA DOLORES-BN	9011	6 14	10 18 52.22	21 31 12	-62 05				434023
31377	SAPPORO	0245	6 14	11 23 38.9	14 11 36	21 54				845012
31346	HARBIN	1284	6 14	13 22 47.5	12 18 00	14 12				845009
31349	HARBIN	1284	6 14	13 26 39.9	14 00 12	10 00				845009
31290	TAIPEI	0502	6 14	13 27 49.0	15 02 10	55 07				845012
31300	TAIPEI	0502	6 14	13 32 28.8	17 46 27	35 42				845012
31342	HINHOW	1290	6 14	15 29 06.1	12 49 18	30 42				845009
31343	HINHOW	1290	6 14	15 31 36.1	13 51 30	27 30				845009
11470	SHIRAZ-BN	9008	6 14	17 20 39.94	14 18 48	53 46				434013
31487	SPETSAI	8078	6 14	19 12 29.5			102 04 12	42 22 48		834309
31488	SPETSAI	8078	6 14	19 14 53.5			100 28 48	58 22 12		834309
31489	SPETSAI	8078	6 14	19 17 11.0			94 06 00	75 31 12		834309
31490	SPETSAI	8078	6 14	19 17 38.0			90 07 12	79 01 48		834309
31491	SPETSAI	8078	6 14	19 18 14.0			78 30 00	83		834309
31492	SPETSAI	8078	6 14	19 21 40.5			294 34 48	68 22 12		834309

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	WAVE
51493	SPETSAL	8078	6 14	19 22 15.0			293 18 00	64 33 00		834309
51494	SPETSAL	8078	6 14	19 24 26.5			290 59 24	50 10 48		834309
51495	SPETSAL	8078	6 14	19 28 15.0			289 51 00	30 50 24		834309
11471	SHIRAZ-BN	9008	6 14	19 29 30.64	15 31 00	18 10				434013
51496	SPETSAL	8078	6 14	19 31 56.5			289 37 48	16 53 24		834309
51497	SPETSAL	8078	6 14	19 32 40.0			289 37 48	14 30 00		834309
51243	BESANCON	2727	6 14	21 16 36.0			230 53	43 27		834302
51212	HEUDON	2715	6 14	21 17 52.2			205 16	46 12		837102
51245	BESANCON	2727	6 14	21 18 05.0			218 27	46 21		834002
51213	HEUDON	2715	6 14	21 18 19.1			201 09	46 20		837102
51246	BESANCON	2727	6 14	21 19 01.0			209 15	47 18		834302
51214	HEUDON	2715	6 14	21 20 04.2			184 54	45 00		837102
51247	BESANCON	2727	6 14	21 20 09.5			198 06	47 13		834302
11467	SAN FERNANDO-BN	9004	6 14	21 21 01.79	16 18 36	24 13				434013
51248	BESANCON	2727	6 14	21 21 25.0			187 02	45 47		834302
51249	BESANCON	2727	6 14	21 22 13.5			179 59	44 07		834302
51215	HEUDON	2715	6 14	21 25 17.0			192 55	30 27		837102
11468	SAN FERNANDO-BN	9004	6 14	23 21 09.61	13 27 00	16 49				434013
11469	SAN FERNANDO-BN	9004	6 15	1 25 49.16	13 57 48	- 1 32				434013
11452	OLIFANTSFNTH-BN	9002	6 15	2 01 06.11	1 58 12	-44 11				434023
31217	PT. MORTH	0139	6 15	3 11 47.12	14 25 42	45 51				843013
31242	N. CANTON	8572	6 15	3 18 27.7	15 38 56	7 45				843013
11453	OLIFANTSFNTH-BN	9002	6 15	4 01 51.50	18 12 54	-56 42				434023
31250	SACRAMENTO	8517	6 15	5 11 42.2			180 00	77 52		841304
31348	VAN NUYS	0113	6 15	5 12 57.8	14 40 50	35 28				843013
31249	WICHITA	8605	6 15	5 22 06.85	16 15 08	- 4 42				843012
11473	VILLA DOLORES-BN	9011	6 15	9 34 49.17	18 55 00	-28 31				434023
11472	AREQUIPA-BN	9007	6 15	9 34 50.44	17 09 30	-75 05				434023
11483	VILLA DOLORES-BN	9011	6 15	9 39 12.83	2 46 54	-61 36				434023
11482	TOKYO-BN	9005	6 15	11 01 22.70	12 39 36	43 44				434013
31388	TAKADA	0250	6 15	11 02 22	13 44	39				843002
31379	MUSASHINO	0233	6 15	11 02 59.9			0 00	84 48		843302
31378	HIGASHIMATSUYAMA	0210	6 15	11 03 49.2	13 47 00	41 18				843013
31381	KAGOSHIMA	0218	6 15	13 04 58.0	12 50	38 00				843002
31291	TAIPEI	0502	6 15	13 09 19.7	17 02 31	40 45				843012
31384	YATSUSHIRO	0272	6 15	13 09 27			180 00	81 36		843302
31292	TAIPEI	0502	6 15	13 10 49.7	17 38 15	33 04				843012
31382	MIYAZAKI	0230	6 15	13 10 58.7	14 05 12	21 18				843012
31383	SAPPORO	0245	6 15	13 12 47.2	15 37 06	- 5 54				843012
31362	YUNSHING	1291	6 15	15 05 29.4	12 36 06	47 00				843009
31363	YUNSHING	1291	6 15	15 14 46.0	17 46 54	18 24				843009
31351	HINOKI	1290	6 15	15 17 47.1	16 34 24	9 12				843009
11494	SHIRAZ-BN	9008	6 15	16 08 12.38	13 46 48	55 12				434013
31352	ROSTOV-DONU	1041	6 15	19 01 12.6	14 26 06	3 24				843009
31353	ROSTOV-DONU	1041	6 15	19 01 35.5	14 34 36	2 42				843009
31354	ROSTOV-DONU	1041	6 15	19 01 51.8	14 41 24	2 00				843009
31355	ROSTOV-DONU	1041	6 15	19 02 36.3	14 59 24	0 30				843009
31356	ROSTOV-DONU	1041	6 15	19 03 19.5	15 16 06	- 1 18				843009
31357	ROSTOV-DONU	1041	6 15	19 05 29.8	16 03 18	- 6 24				843009
31358	ROSTOV-DONU	1041	6 15	19 07 11.2	16 35 54	-10 06				843009
11495	SHIRAZ-BN	9008	6 15	19 07 58.90	15 35 30	16 59				434013
31359	ROSTOV-DONU	1041	6 15	19 08 05.9	16 51 06	-11 54				843009
31360	ROSTOV-DONU	1041	6 15	19 09 20.3	17 12 12	-14 42				843009
31361	ROSTOV-DONU	1041	6 15	19 10 00.8	17 22 30	-15 54				843009
31289	HANNOVER	8069	6 15	20 38 48.9	14 12 18	- 1 27				843012
11481	SAN FERNANDO-BN	9004	6 15	22 59 07.97	13 13 36	17 20				434013
11464	OLIFANTSFNTH-BN	9002	6 16	1 42 20.57	3 16 00	-35 31				434023
31252	ROCHESTER	8564	6 16	2 32 25.8	13 16 30	13 00				843033
31267	TERRE HAUTE	8593	6 16	2 33 02.2			180	71 08		843033
31253	ROCHESTER	8564	6 16	2 35 02.2	14 29 30	7 16				843033
31251	N. CANTON	8591	6 16	2 35 24	15 05 48	9 42				843013
31259	N. CANTON	8559	6 16	2 35 29.0	15 01 12	10 40				843013
31243	N. CANTON	8572	6 16	2 35 35	15 04 45	10 43				843013
31244	STATE COLLEGE	8603	6 16	2 36 57.2			180 00	55 30		843302
31238	N. CANTON	8565	6 16	2 37 34.2	15 54 59	4 00				843013
31250	ROCHESTER	8585	6 16	2 37 38.4	15 34 16	0 50				843013
31254	ROCHESTER	3050	6 16	2 38 04.2	15 41 54	- 7 12				843013
31260	N. CANTON	8559	6 16	2 38 55.3	17 54 49	0 06				843013
11465	OLIFANTSFNTH-BN	9002	6 16	3 38 36.38	17 48 42	-38 40				434023
11466	OLIFANTSFNTH-BN	9002	6 16	3 46 26.78	5 57 00	-48 11				434023
31312	SACRAMENTO	8517	6 16	4 49 28.8			180 00	78 41		841304
31236	SAN JOSE	8609	6 16	4 49 36.7			180	83 12 00		843303
31237	SAN JOSE	8609	6 16	4 50 31.2	14 52 14	27 49				843012
31241	WALNUT CREEK	8555	6 16	4 50 45.7	15 01 06	25 26				843014
31238	SAN JOSE	8573	6 16	4 51 14.3	15 17 06	26 50				843012
31232	DENVER	8592	6 16	4 56 24.4			180 00	54 30		843303
31233	DENVER	8592	6 16	4 58 25.4			163 30	46 36		843303
31234	DENVER	8592	6 16	4 59 34.0			156 42	41 48		843303
11480	AREQUIPA-BN	9007	6 16	9 33 54.73	17 23 54	-80 58				434023
31329	TAIPEI	0502	6 16	12 46 00.0	16 45 54	42 12				843012
11496	SHIRAZ-BN	9008	6 16	16 36 05.63	13 31 12	55 59				434013
11497	SHIRAZ-BN	9008	6 16	18 45 55.73	15 24 30	17 44				434013
31286	STATE COLLEGE	8594	6 17	2 29 51.5			242 54	54 00		843303
31293	TERRE HAUTE	8127	6 17	2 30 31.3	14 12 25	22 00				843042
31239	N. CANTON	8565	6 17	2 31 29.8	13 53 52	15 54				843012
10484	OLIFANTSFNTH-BN	9002	6 17	3 19 58.01	18 45 06	-70 35				434023
11485	OLIFANTSFNTH-BN	9002	6 17	3 21 21.11	0 11 00	-84 02				434023
31294	TERRE HAUTE	8127	6 17	4 38 01.4			210	40 03		843303
31287	STATE COLLEGE	8603	6 17	4 40 21.8			215 48	28 06		843302
11503	VILLA DOLORES-BN	9011	6 17	9 15 54.58	1 00 30	-61 31				434023
31363	KAGOSHIMA	0218	6 17	12 24 18.0	14 34	32 54				843002
31364	MUSASHINO	0233	6 17	12 26 00.3			225 00	64 24		843302
31368	NANKING	1272	6 17	14 30 21.0	15 43 18	1 12				843009

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
91369	SAHARKAND	1043	6 17	16 18 26.9	13 59 54	20 18				845009
91366	TBILISI	1053	6 17	18 17 17.5	13 26 00	14 00				845009
91367	TBILISI	1053	6 17	18 18 34.8	13 59 00	9 48				845009
11499	SHIRAZ-BN	9008	6 17	18 21 40.74	14 06 06	26 32				434013
11500	SHIRAZ-BN	9008	6 17	20 26 47.42	13 55 42	- 0 50				434013
11490	SAN FERNANDO-BN	9004	6 18	0 20 10.88	13 21 24	- 1 30				434013
91303	N. CANTON	8565	6 18	2 08 21.1	13 05 09	18 46				845013
91297	ROCHESTER	8564	6 18	2 09 03.0	13 08 24	12 10				845033
91301	N. CANTON	8559	6 18	2 11 27.2	14 38 20	11 12				845013
91288	STATE COLLEGE	8603	6 18	2 13 46.4			166 06	52 42		845302
11486	OLIFANTSFMTH-BN	9002	6 18	2 59 07.52	20 06 00	-77 55				434023
11487	OLIFANTSFMTH-BN	9002	6 18	3 03 04.83	5 02 06	-52 50				434023
91310	SACRAMENTO	8517	6 18	4 05 05.8			180 00	80 06		641304
11506	ORGAN PASS-BN	9001	6 18	4 10 20.02	14 18 24	28 52				434013
91330	ALBUQUERQUE	8534	6 18	4 10 21.4	14 45 36	19 18				845043
91359	MADISON	0148	6 18	4 13 20.37	13 59 43	- 2 25				845014
91351	ALBUQUERQUE	8534	6 18	4 13 56.0	16 05 12	8 33				845043
11507	ORGAN PASS-BN	9001	6 18	4 14 52.14	16 27 30	10 38				434013
91302	N. CANTON	8565	6 18	4 15 53.2	14 11 51	- 6 30				845013
11508	ORGAN PASS-BN	9001	6 18	4 19 44.26	17 54 24	- 6 19				434013
11509	ORGAN PASS-BN	9001	6 18	6 13 18.53	13 09 48	7 58				434013
91311	SACRAMENTO	8517	6 18	6 16 11.1			180 00	40 28		641304
11510	ORGAN PASS-BN	9001	6 18	6 19 29.42	15 17 00	-12 19				434013
11493	AREQUIPA-BN	9007	6 18	8 52 41.22	3 30 12	-81 30				434023
11504	VILLA DOLORES-BN	9011	6 18	8 54 31.69	0 52 48	-59 23				434023
91365	MIZUSAWA	0267	6 18	12 08 30			168 54	45 48		845302
11491	TOKYO-BN	9005	6 18	12 09 50.30	14 26 00	- 3 22				434013
91371	HANKING	1272	6 18	13 58 56.4	11 30 06	24 36				845009
91372	SHANGHAI	1278	6 18	14 01 22.8	12 12 00	22 30				845009
91370	HANKING	1272	6 18	14 04 21.6	13 47 18	16 06				845009
11492	TOKYO-BN	9005	6 18	14 10 08.40	14 11 08	- 8 33				434013
91303	STALINABAD	1047	6 18	15 53 47.3	11 54 00	26 18				845009
91304	STALINABAD	1047	6 18	15 54 15.3	12 06 30	26 48				845009
91305	STALINABAD	1047	6 18	15 57 01.3	13 52 30	26 18				845009
91306	STALINABAD	1047	6 18	15 58 51.2	14 44 00	4 30				845009
91307	STALINABAD	1047	6 18	15 59 11.7	14 53 30	13 54				845009
91308	STALINABAD	1047	6 18	16 01 10.2	15 44 30	7 36				845009
91309	STALINABAD	1047	6 18	16 01 55.2	16 01 30	5 12				845009
91310	STALINABAD	1047	6 18	16 06 36.0	17 28 00	- 8 18				845009
91311	STALINABAD	1047	6 18	16 11 34.7	8 17 00	-16 00				845009
91373	EREVAN	1018	6 18	17 51 27.3	11 11 18	20 42				845009
91374	EREVAN	1018	6 18	17 53 38.1	12 15 48	19 00				845009
91375	EREVAN	1018	6 18	17 54 54.2	12 55 00	16 54				845009
91376	EREVAN	1018	6 18	17 56 00.4	13 27 48	14 42				845009
91377	EREVAN	1018	6 18	18 00 49.8	15 38 00	0 18				845009
91378	EREVAN	1018	6 18	18 02 35.9	16 15 24	- 4 48				845009
11501	SHIRAZ-BN	9008	6 18	18 02 57.00	13 35 18	14 19				434013
11502	SHIRAZ-BN	9008	6 18	20 06 18.15	14 10 00	- 5 24				434013
91331	N. CANTON	8565	6 19	1 46 41.0	13 02 55	18 18				845013
91306	ROCHESTER	8564	6 19	1 51 33.7	14 55	1 21				845013
91307	DENVER	8592	6 19	3 49 30.5			180 00	58 00		845303
91308	DENVER	8592	6 19	3 51 23.6			161 48	50 42		845303
91309	PITTSBURGH	8612	6 19	3 51 46.6	13 18 24	5 30				845042
91309	DENVER	8592	6 19	3 53 50.0			148 42	39 18		845303
91304	TERRE HAUTE	8127	6 19	3 59 40.0			16 30	21 22		845302
91360	MADISON	0148	6 19	5 57 33.21			228 12	12 30		845304
91368	MUSASHINO	0233	6 19	11 41 49.1			225 00	66 30		845302
91367	MIYAZAKI	0230	6 19	11 42 09.0	15 04 00	26 06				845012
91369	MITAKA	0229	6 19	11 42 39.2			205 24	67 24		845303
91366	HIGASHIMATSUYAMA	0210	6 19	11 43 59.7	14 45 30	9 48				845013
11511	TOKYO-BN	9005	6 19	11 46 00.80	15 35 54	3 15				434013
11515	TOKYO-BN	9005	6 19	13 47 47.50	13 52 24	- 7 15				434013
91339	TAIPEI	0502	6 19	13 48 22.2	15 47 51	9 04				845012
91340	TAIPEI	0502	6 19	13 49 49.4	16 20 18	2 18				845012
91370	MITAKA	0229	6 19	13 50 55.9			214 00	29 12		845303
91312	HANKING	1272	6 19	13 51 28.8	17 13 36	-15 48				845009
11512	SHIRAZ-BN	9008	6 19	17 38 51.43	14 24 48	23 32				434013
91392	EDINBURG	8614	6 20	3 30 13.6	27 30	79 10				845002
91330	TERRE HAUTE	8127	6 20	3 30 40.8	13 52	- 1 36				845042
91332	SACRAMENTO	8517	6 20	5 31 27.0			180 00	43 20		641304
11521	MAUI-BN	9012	6 20	7 28 13.03	15 18 18	36 52				434013
11513	VILLA DOLORES-BN	9011	6 20	10 16 35.73	2 31 54	-69 32				434023
11516	TOKYO-BN	9005	6 20	11 19 29.90	13 18 36	19 24				434013
91372	MUSASHINO	0233	6 20	11 20 28.0			207 00	68 42		845302
91371	HIGASHIMATSUYAMA	0210	6 20	11 21 42.0	14 27 00	11 06				845013
91501	HANKING	1272	6 20	13 15 13.1	10 59 24	25 48				845009
91499	TIENTSIN	1282	6 20	13 15 56.2	11 51 30	13 30				845009
91500	TIENTSIN	1282	6 20	13 18 41.9	13 05 48	7 48				845009
91502	HANKING	1272	6 20	13 20 55.3	13 41 00	19 06				845009
11517	TOKYO-BN	9005	6 20	13 28 43.90	14 35 06	-16 26				434013
11519	SHIRAZ-BN	9008	6 20	19 24 37.18	14 30 42	-13 12				434013
11514	SAN FERNANDO-BN	9004	6 20	23 15 15.05	12 57 24	- 3 42				434013
91361	MADISON	0148	6 21	3 07 25.3	13 22 25	- 1 18				845014
91447	ALPINE-P	5089	6 21	5 07 48.0	13 48 00	7 18				637047
91344	SACRAMENTO	8517	6 21	5 09 06.1			180 00	44 32		641304
11522	MAUI-BN	9012	6 21	7 13 41.33	17 52 24	1 08				434013
91357	TAIPEI	0502	6 21	13 05 06.7	15 49 36	6 21				845012
91343	FT WORTH	0139	6 22	2 45 13.15	13 46 36	18 48				845013
91333	N. CANTON	8536	6 22	2 47 53.1	13 21 54	- 6 04				641012
91498	AKRON	5099	6 22	2 48 12.6	13 29 30	- 7 06				637017
11523	ORGAN PASS-BN	9001	6 22	4 41 10.88	10 45 12	17 02				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
11924	ORGAN PASS-BN	9001	6 22	4 49 20.46	13 47 36	-3 32				434013
31352	ALBUQUERQUE	8534	6 22	4 54 40.6	15 50 12	-29 18				845043
31353	ALBUQUERQUE	8534	6 22	4 55 09.0	15 56 00	-26 00				845043
11927	VILLA DOLORES-BN	9011	6 22	9 33 17.40	0 52 00	-70 00				434023
31353	YUNGHING	1291	6 22	12 30 17.3	10 06 30	53 24				845009
31358	TAIPEI	0502	6 22	12 44 39.4	16 15 45	1 43				845012
31514	YUNGHING	1291	6 22	12 45 04.5	17 45 18	1 42				845009
31515	YUNGHING	1291	6 22	14 36 17.9	11 30 12	23 06				845009
31516	YUNGHING	1291	6 22	14 38 44.8	12 16 12	18 34				845009
11526	WOOMERA-BN	9003	6 22	19 21 50.00	22 39 30	-72 01				434023
11528	SAN FERNANDO-BN	9004	6 22	22 32 55.73	13 00 06	-8 23				434013
31341	FT WORTH	0139	6 23	2 23 41.2	13 51 24	17 18				845013
11529	OLIFANTSFNTH-BN	9002	6 23	3 17 49.03	2 27 30	-83 25				434023
11530	OLIFANTSFNTH-BN	9002	6 23	3 21 57.08	5 22 48	-39 03				434023
31342	SACRAMENTO	8517	6 23	4 24 25.3			180 00	46 36		641304
31347	VAN NUYS	0113	6 23	4 29 35.4	15 50 24	-5 48				845013
11541	MAUI-BN	9012	6 23	8 31 40.92	15 05 30	-14 16				434013
11537	VILLA DOLORES-BN	9011	6 23	9 10 34.99	21 08 48	-68 17				434023
31349	TAIPEI	0502	6 23	12 19 15.6	14 46 07	15 45				845012
11534	WOOMERA-BN	9003	6 23	19 01 10.64	0 57 00	-66 53				434023
31385	PITTSBURGH	8150	6 24	2 09 58.0	14 58 18	-19 48				845013
11533	OLIFANTSFNTH-BN	9002	6 24	3 01 14.45	5 09 48	-33 25				434023
31354	SACRAMENTO	8517	6 24	4 02 07.0			180 00	47 34		641304
31362	MADISON	0148	6 24	4 07 04.68	13 00	-17 54				845014
31393	EDINBURG	8614	6 24	4 09 29.2	18 45 00	52 30				845002
11542	MAUI-BN	9012	6 24	8 05 40.21	13 26 24	3 31				434013
11538	VILLA DOLORES-BN	9011	6 24	8 50 38.54	1 19 30	-63 50				434023
11536	SHIRAZ-BN	9008	6 24	17 55 37.02	13 26 54	-9 18				434013
11540	VILLA DOLORES-BN	9011	6 25	10 33 57.31	0 37 24	-44 59				434023
31394	KAGOSHIMA	0218	6 25	11 30 49.6	11 10 30	15 06				845002
31386	TAIPEI	0502	6 25	11 38 12.5	15 41 12	2 18				845012
11549	SHIRAZ-BN	9008	6 25	17 34 48.37	13 41 42	-13 51				434013
11539	SAN FERNANDO-BN	9004	6 25	21 28 41.87	12 55 24	-14 09				434013
11544	AREQUIPA-BN	9007	6 26	1 32 15.97	15 58 24	48 57				434013
11545	AREQUIPA-BN	9007	6 26	1 33 43.97	16 29 30	44 04				434013
11546	AREQUIPA-BN	9007	6 26	1 35 03.97	16 55 36	39 14				434013
11531	OLIFANTSFNTH-BN	9002	6 26	2 15 29.28	3 46 54	-56 32				434023
11543	OLIFANTSFNTH-BN	9002	6 26	2 19 19.85	4 40 18	-27 20				434023
31346	MADISON	0148	6 26	3 22 37.00	12 32 24	-16 37				845014
31355	FT WORTH	0139	6 26	3 22 40.20	12 37 36	-7 39				845013
11530	MAUI-BN	9012	6 26	7 22 29.99	13 25 36	0 24				434013
11547	VILLA DOLORES-BN	9011	6 26	8 08 22.43	1 51 24	-53 44				434023
11560	SHIRAZ-BN	9008	6 26	17 12 06.95	13 15 24	-11 19				434013
11548	WOOMERA-BN	9003	6 26	20 01 57.98	1 18 48	-55 19				434023
11551	AREQUIPA-BN	9007	6 27	1 11 38.38	16 19 42	44 25				434013
31356	FT WORTH	0139	6 27	3 01 50.25	12 50 36	-11 54				845013
11569	MAUI-BN	9012	6 27	6 58 40.25	12 28 12	8 54				434013
11552	AREQUIPA-BN	9007	6 27	9 47 35.99	17 09 54	-79 58				434023
11553	AREQUIPA-BN	9007	6 27	9 49 04.02	3 35 12	-88 07				434023
11554	AREQUIPA-BN	9007	6 27	9 50 20.06	4 54 36	-76 48				434023
11555	AREQUIPA-BN	9007	6 27	9 51 52.10	5 11 30	-62 20				434023
11557	OLIFANTSFNTH-BN	9002	6 27	18 59 26.47	16 15 48	40 49				434013
11556	WOOMERA-BN	9003	6 27	19 40 15.53	0 50 24	-56 02				434023
11561	AREQUIPA-BN	9007	6 28	0 30 53.84	16 35 00	39 43				434013
11558	OLIFANTSFNTH-BN	9002	6 28	3 35 05.18	23 10 48	-68 21				434023
11559	OLIFANTSFNTH-BN	9002	6 28	3 38 32.06	3 59 48	-30 21				434023
11563	AREQUIPA-BN	9007	6 28	9 26 15.97	17 30 00	-62 43				434023
11564	AREQUIPA-BN	9007	6 28	9 27 43.98	3 48 00	-69 00				434023
11565	AREQUIPA-BN	9007	6 28	9 29 20.00	4 34 12	-71 03				434023
11566	AREQUIPA-BN	9007	6 28	9 30 40.00	4 50 42	-58 56				434023
11567	AREQUIPA-BN	9007	6 28	9 32 16.00	5 04 18	-48 07				434023
31387	TAIPEI	0502	6 28	12 35 10.8	13 02 00	-15 45				845012
31388	TAIPEI	0502	6 28	12 40 02.2	14 25 48	-30 06				845022
11568	SHIRAZ-BN	9008	6 28	16 27 35.17	12 38 06	-9 19				434013
11562	WOOMERA-BN	9003	6 28	19 18 11.61	23 49 30	-58 45				434023
11573	AREQUIPA-BN	9007	6 29	0 25 19.97	15 15 06	52 41				434013
11574	AREQUIPA-BN	9007	6 29	0 29 51.97	16 43 18	35 51				434013
11570	AREQUIPA-BN	9007	6 29	9 06 05.98	2 35 24	-84 24				434023
11571	AREQUIPA-BN	9007	6 29	9 08 55.98	4 25 12	-60 11				434023
11572	AREQUIPA-BN	9007	6 29	9 09 55.99	4 36 06	-51 42				434023
31389	TAIPEI	0502	6 29	12 12 10.6	12 27 18	-12 39				845012
11575	AREQUIPA-BN	9007	6 30	2 08 10.09	13 19 30	30 10				434013
31390	TAIPEI	0502	6 30	11 50 33.5	12 24 25	-13 54				845012
31391	TAIPEI	0502	6 30	11 52 42.8	13 13 24	-22 06				845012

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80001	JOHANNESBURG-MT	4400	4 27	14 34 04	1 33 08	+74 35				509500
80002	JOHANNESBURG-MT	4400	4 27	14 34 10	0 98 22	+73 67				509500
80003	JOHANNESBURG-MT	4400	4 27	14 34 16	3 32 16	+72 94				509500
80004	SAN DIEGO-MT	4011	4 27	16 07 33	0 56 57	-61 69				509500
80005	SAN DIEGO-MT	4011	4 27	16 07 38	0 19 34	-61 82				509500
80006	PT. MYERS-MT	4021	4 27	16 16 01	6 81 99	-42 67				509500
80007	PT. MYERS-MT	4021	4 27	16 16 07	0 30 10	-44 80				509500
80008	BLOSSOM PT-MT	4006	4 27	16 17 10	2 19 71	-24 28				509500
80009	BLOSSOM PT-MT	4006	4 27	16 17 16	0 20 52	-24 34				509500
80010	BLOSSOM PT-MT	4006	4 27	16 17 22	2 52 77	-24 40				509500
80011	ANTIGUA-MT	4901	4 27	16 21 21	4 76 63	+ 6 71				509500
80012	ANTIGUA-MT	4901	4 27	16 21 28	0 78 63	+ 2 52				509500
80013	ANTIGUA-MT	4901	4 27	16 21 34	6 90 48	- 1 07				509500
80014	JOHANNESBURG-MT	4400	4 27	16 31 46	0 58 08	- 5 99				509500
80015	SAN DIEGO-MT	4011	4 27	18 02 06	0 03 57	-85 07				509500
80016	SAN DIEGO-MT	4011	4 27	18 02 12	0 45 82	-85 37				509500
80017	QUITO-MT	4800	4 27	18 12 31	0 86 21	-60 21				509500
80018	QUITO-MT	4800	4 27	18 12 51	4 99 39	+22 46				509500
80019	QUITO-MT	4800	4 27	18 13 31	2 88 29	+19 50				509500
80020	ANTIGUA-MT	4901	4 27	18 17 41	2 82 24	+60 41				509500
80021	JOHANNESBURG-MT	4400	4 27	18 47 53	1 02 56	-23 13				509500
80022	JOHANNESBURG-MT	4400	4 27	18 47 59	1 13 79	-23 05				509500
80023	JOHANNESBURG-MT	4400	4 27	18 48 05	3 30 23	-22 96				509500
80024	QUITO-MT	4800	4 27	20 08 45	6 88 69	-33 01				509500
80025	QUITO-MT	4800	4 27	20 09 01	3 82 26	+38 34				509500
80026	QUITO-MT	4800	4 27	20 09 24	5 00 09	-46 57				509500
80027	LIMA-MT	4801	4 27	20 09 34	5 93 77	+76 52				509500
80028	LIMA-MT	4801	4 27	20 09 38	6 39 66	+72 44				509500
80029	ANTOFAGASTA-MT	4803	4 27	20 12 02	1 71 66	-62 43				509500
80030	ANTOFAGASTA-MT	4803	4 27	20 12 08	0 11 73	-62 69				509500
80031	ANTOFAGASTA-MT	4803	4 27	20 12 14	1 93 08	-62 95				509500
80032	JOHANNESBURG-MT	4400	4 27	20 45 10	1 00 20	+ 8 84				509500
80033	JOHANNESBURG-MT	4400	4 27	20 45 16	0 99 54	+ 9 43				509500
80034	QUITO-MT	4800	4 27	22 06 29	1 13 67	-23 04				509500
80035	QUITO-MT	4800	4 27	22 06 35	0 38 38	-23 17				509500
80036	QUITO-MT	4800	4 27	22 06 41	1 97 79	-23 26				509500
80037	LIMA-MT	4801	4 27	22 06 51	4 92 77	-62 44				509500
80038	LIMA-MT	4801	4 27	22 07 03	0 12 56	-63 01				509500
80039	LIMA-MT	4801	4 27	22 07 19	5 13 01	-64 91				509500
80040	SANTIAGO-MT	4802	4 27	22 08 47	4 43 58	+82 75				509500
80041	SANTIAGO-MT	4802	4 27	22 09 13	0 03 03	+81 36				509500
80042	ANTOFAGASTA-MT	4803	4 27	22 09 15	2 91 73	+21 66				509500
80043	ANTOFAGASTA-MT	4803	4 27	22 09 21	0 03 37	+20 76				509500
80044	SANTIAGO-MT	4802	4 27	22 09 26	4 21 66	+80 39				509500
80045	ANTOFAGASTA-MT	4803	4 27	22 09 27	2 83 32	+19 64				509500
80046	JOHANNESBURG-MT	4400	4 27	22 43 44	0 19 44	+73 70				509500
80047	JOHANNESBURG-MT	4400	4 27	22 43 50	1 26 08	+74 15				509500
80048	JOHANNESBURG-MT	4400	4 27	22 43 56	2 71 43	+74 58				509500
80049	LIMA-MT	4801	4 28	0 03 57	0 08 47	-86 28				509500
80050	LIMA-MT	4801	4 28	0 04 10	3 51 08	-86 39				509500
80051	SANTIAGO-MT	4802	4 28	0 05 30	4 55 87	+42 27				509500
80052	SANTIAGO-MT	4802	4 28	0 06 02	0 04 14	+61 67				509500
80053	ANTOFAGASTA-MT	4803	4 28	0 06 10	0 13 41	-37 48				509500
80054	SANTIAGO-MT	4802	4 28	0 06 14	4 49 08	+61 00				509500
80055	ANTOFAGASTA-MT	4803	4 28	0 06 16	2 41 32	-37 70				509500
80056	SANTIAGO-MT	4802	4 28	2 02 37	4 96 64	+37 86				509500
80057	SANTIAGO-MT	4802	4 28	2 02 52	0 07 45	+38 44				509500
80061	ANTOFAGASTA-MT	4803	4 28	2 03 12	4 14 90	-33 59				509500
80062	SANTIAGO-MT	4802	4 28	4 00 29	1 31 09	+71 12				509500
80063	SANTIAGO-MT	4802	4 28	4 00 35	0 16 15	+71 47				509500
80064	ANTOFAGASTA-MT	4803	4 28	4 00 38	1 72 76	+17 58				509500
80066	ANTOFAGASTA-MT	4803	4 28	4 00 44	0 16 84	+18 32				509500
80067	ANTOFAGASTA-MT	4803	4 28	4 00 50	2 03 97	+18 91				509500
80068	QUITO-MT	4800	4 28	5 36 07	2 20 58	-74 56				509500
80069	QUITO-MT	4800	4 28	5 36 16	0 03 60	-73 79				509500
80070	QUITO-MT	4800	4 28	5 36 30	3 43 24	-72 01				509500
10001	WOODHRA-BN	9003	4 28	10 05 30.11	9 02 54	-18 09				434013
80075	WOODHRA-MT	4400	4 28	10 34 36	0 09 14	+18 60				509500
80078	WOODHRA-MT	4400	4 28	12 34 00	0 06 18	+37 94				509500
80080	PT. MYERS-MT	4021	4 28	13 43 21	0 09 32	+43 73				509500
80081	PT. MYERS-MT	4021	4 28	13 43 27	6 66 91	+43 69				509500
80084	PT. MYERS-MT	4021	4 28	15 37 54	0 51 90	-26 03				509500
80086	ANTIGUA-MT	4901	4 28	15 43 09	0 17 07	+36 36				509500
80088	SAN DIEGO-MT	4011	4 28	17 23 34	0 01 18	-80 44				509500
80089	JOHANNESBURG-MT	4400	4 28	18 06 40	0 09 51	-24 17				509500
80090	QUITO-MT	4800	4 28	19 30 35	0 14 65	-18 79				509500
80091	JOHANNESBURG-MT	4400	4 28	20 05 43	0 22 03	+ 1 67				509500
80092	ANTOFAGASTA-MT	4803	4 28	21 30 23	0 01 37	+36 47				509500
80093	ANTOFAGASTA-MT	4803	4 28	23 27 02	0 24 03	-35 75				509500
80094	SANTIAGO-MT	4802	4 29	1 23 31	0 22 68	+36 83				509500
80095	ANTOFAGASTA-MT	4803	4 29	1 23 40	0 23 37	-37 80				509500
80096	ANTOFAGASTA-MT	4803	4 29	3 21 09	0 09 87	+ 8 00				509500
80097	LIMA-MT	4801	4 29	5 17 12	0 07 44	-16 01				509500
80098	QUITO-MT	4800	4 29	7 16 09	0 46 35	+17 64				509500
80099	ANTIGUA-MT	4901	4 29	7 22 53	0 16 18	-53 11				509500
80100	WOODHRA-MT	4400	4 29	8 21 18	0 23 47	+61 09				509500
80101	WOODHRA-MT	4400	4 29	10 17 45	0 09 10	+20 57				509500
80104	PT. MYERS-MT	4021	4 29	13 05 04	0 02 80	+39 88				509500
80106	PT. MYERS-MT	4021	4 29	14 59 40	0 04 17	- 7 01				509500
80107	ANTIGUA-MT	4901	4 29	15 04 51	0 12 68	+60 23				509500
10002	OLIFANTSFNTH-BN	9002	4 29	17 28 43.84	8 30 54	-39 14				434023
10003	OLIFANTSFNTH-BN	9002	4 29	17 29 08.48	9 21 48	-40 03				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10004	OLIFANTSPNTN-BN	9002	4 29	17 29 12.80	9 26 48	-40 07				434023
80109	JOHANNESBURG-MT	4400	4 29	17 29 32	1 00 02	-24 87				509500
80110	QUITO-MT	4800	4 29	18 32 03	4 23 14	+17 00				509500
80111	JOHANNESBURG-MT	4400	4 29	19 26 20	0 78 99	- 4 70				509500
80112	ANTOFAGASTA-MT	4803	4 29	20 51 32	0 19 27	+53 34				509500
80113	SANTIAGO-MT	4802	4 29	22 47 33	0 04 14	+54 37				509500
80114	ANTOFAGASTA-MT	4803	4 29	22 48 00	0 03 48	-33 06				509500
10009	VILLA DOLORES-BN	9011	4 29	22 48 09.91	7 24 06	- 4 55				434013
10010	VILLA DOLORES-BN	9011	4 29	22 49 41.60	9 00 48	- 9 40				434013
10011	VILLA DOLORES-BN	9011	4 29	22 51 44.75	10 59 00	-12 15				434013
80115	SANTIAGO-MT	4802	4 30	0 44 17	0 09 92	+36 43				509500
80116	ANTOFAGASTA-MT	4803	4 30	0 44 24	0 05 94	-41 32				509500
80117	ANTOFAGASTA-MT	4803	4 30	2 41 37	0 12 38	- 1 45				509500
80118	LIMA-MT	4801	4 30	4 37 30	0 00 10	-29 67				509500
80119	ANTISUA-MT	4901	4 30	6 43 34	0 00 72	-62 05				509500
80120	ANTISUA-MT	4901	4 30	8 41 14	0 01 21	+50 23				509500
10005	WOONERA-BN	9003	4 30	9 37 29.59	7 56 24	-13 59				434013
80121	WOONERA-MT	4800	4 30	9 38 40	0 23 27	+24 00				509500
10006	WOONERA-BN	9003	4 30	9 38 40.01	9 12 42	-16 45				434013
80122	FT. MYERS-MT	4021	4 30	10 31 21	0 17 23	-27 51				509500
10007	WOONERA-BN	9003	4 30	11 31 53.82	8 20 54	-19 02				434013
10008	WOONERA-BN	9003	4 30	11 32 48.89	9 03 30	-15 33				434013
80124	SAN DIEGO-MT	4011	4 30	14 12 36	0 02 87	-53 83				509500
80125	JOHANNESBURG-MT	4400	4 30	14 34 13	0 37 00	+29 83				509500
10018	OLIFANTSPNTN-BN	9002	4 30	16 49 44.19	8 16 24	-38 48				434023
10019	OLIFANTSPNTN-BN	9002	4 30	16 50 19.80	9 05 18	-40 18				434023
80126	JOHANNESBURG-MT	4400	4 30	16 50 25	0 37 06	-24 67				509500
10020	OLIFANTSPNTN-BN	9002	4 30	16 51 08.76	10 11 30	-39 58				434023
80127	JOHANNESBURG-MT	4400	4 30	18 46 37	0 16 06	-10 87				509500
80128	LIMA-MT	4801	4 30	20 10 36	0 28 93	-32 14				509500
80129	JOHANNESBURG-MT	4400	4 30	20 44 44	0 06 69	+48 69				509500
80130	ANTOFAGASTA-MT	4803	4 30	22 09 06	0 42 74	-29 02				509500
10027	VILLA DOLORES-BN	9011	5 01	0 05 18.78	8 44 18	-14 38				434013
10029	VILLA DOLORES-BN	9011	5 01	0 08 31.14	11 44 48	-12 01				434013
80132	ANTOFAGASTA-MT	4803	5 01	2 02 09	0 06 01	-10 23				509500
80133	QUITO-MT	4800	5 01	3 36 49	0 02 73	-28 57				509500
80135	WOONERA-MT	4400	5 01	8 59 43	0 18 10	+29 00				509500
10021	WOONERA-BN	9003	5 01	9 00 18.84	9 20 36	-14 55				434013
10022	WOONERA-BN	9003	5 01	9 01 00.16	10 06 12	-19 23				434013
10023	WOONERA-BN	9003	5 01	9 01 31.04	10 34 54	-13 12				434013
80136	FT. MYERS-MT	4021	5 01	9 52 33	0 21 50	-35 77				509500
10024	WOONERA-BN	9003	5 01	10 34 48.21	9 25 30	-16 18				434013
10025	WOONERA-BN	9003	5 01	10 35 44.91	10 20 42	-15 23				434013
10026	WOONERA-BN	9003	5 01	10 36 17.19	10 51 48	-14 28				434013
80138	SAN DIEGO-MT	4011	5 01	13 34 03	0 03 89	-35 44				509500
80139	FT. MYERS-MT	4021	5 01	13 43 06	0 36 30	+18 13				509500
10033	OLIFANTSPNTN-BN	9002	5 01	18 07 09.74	9 55 00	-36 14				434023
10034	OLIFANTSPNTN-BN	9002	5 01	18 07 19.75	10 02 00	-36 08				434023
10035	OLIFANTSPNTN-BN	9002	5 01	18 08 05.09	10 59 12	-34 17				434023
80141	ANTOFAGASTA-MT	4803	5 01	21 30 17	0 00 13	-22 72				509500
80142	ANTOFAGASTA-MT	4803	5 01	23 26 14	0 14 18	-47 38				509500
10030	WOONERA-BN	9003	5 02	10 15 30.72	8 53 36	-16 54				434013
10031	WOONERA-BN	9003	5 02	10 16 42.69	9 49 48	-16 25				434013
10032	WOONERA-BN	9003	5 02	10 17 35.35	10 42 30	-14 56				434013
10043	VILLA DOLORES-BN	9011	5 03	0 43 04.08	9 09 48	- 3 38				434013
10044	VILLA DOLORES-BN	9011	5 03	0 43 12.88	9 16 42	- 3 24				434013
10045	VILLA DOLORES-BN	9011	5 03	0 43 49.30	9 36 30	- 4 12				434013
10046	WOONERA-BN	9003	5 03	11 31 23.34	8 50 12	- 4 45				434013
10046	HAUI-BN	9012	5 03	13 50 40.38	16 18 30	22 05				434013
10047	HAUI-BN	9012	5 03	13 50 46.58	16 15 24	22 49				434013
10048	HAUI-BN	9012	5 03	14 00 07.03	17 35 00	32 22				434013
10040	CURACAO-BN	9009	5 04	7 37 37.48	15 35 24	51 29				434013
10041	CURACAO-BN	9009	5 04	7 37 55.68	15 31 12	53 45				434013
10042	CURACAO-BN	9009	5 04	7 38 12.35	16 07 42	55 49				434013
14001	EDWARDS AFB	9113	5 04	11 38 08.93	19 11 18	- 9 21				434013
10051	HAUI-BN	9012	5 04	13 20 23.98	16 34 18	22 81				434013
10053	JUPITER-BN	9010	5 05	9 13 14.69	18 07 42	24 34				434013
10054	JUPITER-BN	9010	5 05	9 14 22.10	19 31 18	27 54				434013
10055	JUPITER-BN	9010	5 05	9 15 33.10	20 58 30	27 53				434013
10062	WOONERA-BN	9003	5 05	10 13 12.91	7 14 48	- 7 46				434013
10063	WOONERA-BN	9003	5 05	10 13 33.44	9 33 42	- 3 19				434013
10059	OLIFANTSPNTN-BN	9002	5 05	17 26 45.59	8 42 24	-26 06				434023
10060	OLIFANTSPNTN-BN	9002	5 05	17 27 39.38	9 50 06	-23 32				434023
10061	OLIFANTSPNTN-BN	9002	5 05	17 28 24.71	10 42 48	-19 54				434013
10072	TOKYO-BN	9005	5 05	18 11 22.40	17 31 04	- 9 23				434013
10073	TOKYO-BN	9005	5 05	18 12 20.00	18 38 00	- 7 50				434013
10075	NAINI TAL-BN	9006	5 05	21 46 52.55	18 49 00	10 00				434013
10076	NAINI TAL-BN	9006	5 05	21 47 30.01	19 25 18	11 25				434013
10070	SAN FERNANDO-BN	9004	5 06	3 09 43.50	18 34 12	-12 07				434013
10071	SAN FERNANDO-BN	9004	5 06	3 10 12.38	18 55 18	-11 06				434013
10081	JUPITER-BN	9010	5 06	8 34 55.18	18 25 48	23 23				434013
10082	JUPITER-BN	9010	5 06	8 34 22.89	20 01 30	25 31				434013
10068	WOONERA-BN	9003	5 06	9 34 03.51	6 10 12	- 8 28				434013
10067	WOONERA-BN	9003	5 06	9 38 23.11	10 50 06	0 14				434013
10056	ORGAN PASS-BN	9001	5 06	10 23 06.56	18 25 30	3 06				434013
10057	ORGAN PASS-BN	9001	5 06	10 23 10.36	18 29 18	3 12				434013
10058	ORGAN PASS-BN	9001	5 06	10 23 28.49	18 44 12	3 50				434013
10048	WOONERA-BN	9003	5 06	11 29 00.37	7 54 30	6 27				434013
10069	WOONERA-BN	9003	5 06	11 30 42.93	9 01 48	12 18				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80143	ANTIGUA-MT	4901	5 06	12 31 42	0 02 00	+30 08				589500
10083	MAUI-SN	9012	5 06	13 56 04.91	14 43 42	29 38				434013
10084	MAUI-SN	9012	5 06	13 59 42.91	17 54 00	52 30				434013
10085	MAUI-SN	9012	5 06	14 01 10.47	20 08 06	54 06				434013
80144	QUITO-MT	4800	5 07	3 57 58	0 06 19	+ 4 88				589500
80145	WOMERA-MT	4600	5 07	7 03 06	0 47 20	+34 34				589500
80146	FT. MYERS-MT	4021	5 07	7 54 46	0 13 93	-14 74				589500
10093	JUPITER-SN	9010	5 07	7 55 06.61	17 15 48	17 35				434013
10094	JUPITER-SN	9010	5 07	7 56 47.32	18 53 24	22 04				434013
10095	JUPITER-SN	9010	5 07	7 57 54.90	19 56 30	22 52				434013
80147	WOMERA-MT	4600	5 07	8 58 22	0 15 97	+43 02				589500
80148	FT. MYERS-MT	4021	5 07	9 51 22	0 13 85	+22 86				589500
10096	JUPITER-SN	9010	5 07	9 51 22.14	18 43 12	37 07				434013
10097	JUPITER-SN	9010	5 07	9 52 26.40	20 15 00	37 27				434013
10098	JUPITER-SN	9010	5 07	9 53 22.16	21 30 36	34 13				434013
80149	SAN DIEGO-MT	4011	5 07	11 34 53	0 00 08	-37 34				589500
80150	FT. MYERS-MT	4021	5 07	11 47 14	0 09 57	- 1 43				589500
80151	ANTIGUA-MT	4901	5 07	11 53 06	0 33 54	+45 35				589500
80152	SAN DIEGO-MT	4011	5 07	13 32 52	0 00 98	-49 04				589500
80153	JOHANNESBURG-MT	4400	5 07	14 14 55	0 60 82	-39 52				589500
80154	QUITO-MT	4800	5 07	15 40 40	0 51 94	+30 42				589500
80155	JOHANNESBURG-MT	4400	5 07	16 10 11	1 02 86	-11 25				589500
80156	LIMA-MT	4801	5 07	17 37 17	0 03 42	-65 21				589500
10130	OLIFANTSPNTN-SN	9002	5 07	18 06 00.81	10 13 36	6 06				434013
10131	OLIFANTSPNTN-SN	9002	5 07	18 06 38.35	10 47 42	11 00				434013
80157	ANTOFAGASTA-MT	4803	5 07	23 24 57	0 24 82	- 8 41				589500
10092	AREQUIPA-SN	9007	5 07	23 26 13.76	12 09 06	-47 34				434023
80158	LIMA-MT	4801	5 08	1 19 45	0 12 73	-43 27				589500
80159	ANTIGUA-MT	4901	5 08	5 24 49	0 23 60	+32 41				589500
80160	WOMERA-MT	4600	5 08	6 24 39	0 20 13	+41 60				589500
80161	FT. MYERS-MT	4021	5 08	7 15 22	0 17 15	-22 62				589500
10099	JUPITER-SN	9010	5 08	7 17 08.56	17 54 24	17 44				434013
10100	JUPITER-SN	9010	5 08	7 17 32.22	18 15 24	18 35				434013
10101	JUPITER-SN	9010	5 08	7 18 57.15	19 26 48	20 18				434013
10102	JUPITER-SN	9010	5 08	9 10 36.56	16 26 18	29 30				434013
80162	FT. MYERS-MT	4021	5 08	9 12 20	0 12 77	+19 96				589500
10104	JUPITER-SN	9010	5 08	9 13 29.02	19 39 48	36 22				434013
10089	WOMERA-SN	9003	5 08	10 12 01.57	7 00 54	5 50				434013
10090	WOMERA-SN	9003	5 08	10 14 34.45	9 13 06	16 02				434013
10091	WOMERA-SN	9003	5 08	10 18 23.83	12 11 42	25 40				434013
10086	OREAN PASS-SN	9001	5 08	10 55 18.39	14 57 54	4 28				434013
80163	SAN DIEGO-MT	4011	5 08	10 57 45	0 01 54	-38 39				589500
10087	OREAN PASS-SN	9001	5 08	11 01 12.46	19 05 36	13 25				434013
10088	OREAN PASS-SN	9001	5 08	11 03 31.19	21 21 42	10 22				434013
80164	FT. MYERS-MT	4021	5 08	11 08 25	0 00 27	+ 6 38				589500
80165	JOHANNESBURG-MT	4400	5 08	13 26 30	1 09 41	-40 50				589500
80166	JOHANNESBURG-MT	4400	5 08	19 31 30	1 16 60	-20 34				589500
10108	TOKYO-SN	9005	5 08	16 16 39.20	18 12 00	- 6 57				434013
10109	TOKYO-SN	9005	5 08	16 17 08.20	18 33 12	- 5 48				434013
90002	NITAKA	0229	5 08	16 17 54.8			131 30	37 30		845303
80167	LIMA-MT	4801	5 08	16 58 54	0 16 36	-40 11				589500
10106	OLIFANTSPNTN-SN	9002	5 08	17 23 41.85	8 15 18	- 2 36				434013
10106	OLIFANTSPNTN-SN	9002	5 08	17 26 45.75	9 23 54	2 48				434013
10111	TOKYO-SN	9005	5 08	18 10 29.80	17 59 24	1 34				434013
90003	NITAKA	0229	5 08	18 11 16.5			175 36	54 18		845303
10113	TOKYO-SN	9005	5 08	18 12 33.60	19 46 12	1 54				434013
80168	ANTOFAGASTA-MT	4803	5 08	18 56 04	0 50 62	-46 12				589500
80169	LIMA-MT	4801	5 09	0 40 33	0 17 10	-37 81				589500
10121	AREQUIPA-SN	9007	5 09	0 41 32.18	9 49 30	-18 50				434013
10122	AREQUIPA-SN	9007	5 09	0 42 47.96	11 11 24	- 9 58				434013
80170	QUITO-MT	4800	5 09	2 38 30	0 26 84	-32 72				589500
80171	WOMERA-MT	4600	5 09	7 41 06	0 11 19	+39 92				589500
10114	OREAN PASS-SN	9001	5 09	8 20 01.73	18 38 30	2 59				434013
10115	OREAN PASS-SN	9001	5 09	8 20 53.84	19 11 18	4 21				434013
10116	OREAN PASS-SN	9001	5 09	8 31 25.79	20 33 12	6 18				434013
10124	JUPITER-SN	9010	5 09	8 32 49.86	17 17 12	33 02				434013
10126	WOMERA-SN	9003	5 09	9 33 09.30	6 04 42	5 45				434013
10127	WOMERA-SN	9003	5 09	9 35 54.30	8 47 18	15 16				434013
10128	WOMERA-SN	9003	5 09	9 40 10.74	12 16 30	24 49				434013
10117	OREAN PASS-SN	9001	5 09	10 19 53.70	16 36 42	10 56				434013
10118	OREAN PASS-SN	9001	5 09	10 22 09.97	18 35 24	13 48				434013
10119	OREAN PASS-SN	9001	5 09	10 25 42.77	21 35 06	9 42				434013
80172	SAN DIEGO-MT	4011	5 09	12 15 01	0 02 62	-36 64				589500
80173	JOHANNESBURG-MT	4400	5 09	14 52 56	1 10 82	-29 42				589500
80174	LIMA-MT	4801	5 09	16 20 30	0 67 97	+ 0 25				589500
10136	OLIFANTSPNTN-SN	9002	5 09	16 46 49.10	7 26 24	- 7 12				434013
10139	OLIFANTSPNTN-SN	9002	5 09	16 48 28.39	9 30 24	1 39				434013
80175	JOHANNESBURG-MT	4400	5 09	16 48 42	0 70 97	+48 17				589500
10140	OLIFANTSPNTN-SN	9002	5 09	16 48 51.16	9 57 30	3 49				434013
10132	TOKYO-SN	9005	5 09	17 32 13.40	18 12 24	2 25				434013
10133	TOKYO-SN	9005	5 09	17 32 34.60	18 28 00	2 35				434013
10134	TOKYO-SN	9005	5 09	17 33 03.40	18 51 18	2 47				434013
80176	ANTOFAGASTA-MT	4803	5 09	18 17 45	0 43 07	-35 29				589500
10135	SHIRAZ-SN	9008	5 09	22 53 42.86	17 24 30	20 10				434013
10136	SHIRAZ-SN	9008	5 09	22 53 52.44	17 33 18	20 28				434013
10141	NAINI TAL-SN	9006	5 09	23 01 04.50	17 58 18	24 57				434013
10142	NAINI TAL-SN	9006	5 09	23 02 23.76	19 29 00	24 17				434013
80178	LIMA-MT	4801	5 10	1 39 33	0 04 32	+48 84				589500
80179	ANTIGUA-MT	4901	5 10	4 05 32	0 03 90	+ 8 86				589500
80180	FT. MYERS-MT	4021	5 10	5 56 15	0 05 91	-37 74				589500
80181	WOMERA-MT	4600	5 10	7 02 38	0 06 18	+39 47				589500
80183	SAN DIEGO-MT	4011	5 10	9 39 06	0 16 70	-43 49				589500

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80188	SAN DIEGO-MT	4011	5 10	11 35 54	0 00 67	-32 75				509500
80188	JOHANNESBURG-MT	4400	5 10	14 14 28	0 67 59	-38 09				509500
80189	LIMA-MT	4801	5 10	15 42 03	0 40 88	+39 10				509500
80190	JOHANNESBURG-MT	4400	5 10	16 09 53	1 12 91	+40 46				509500
80191	ANTOFAGASTA-MT	4803	5 10	21 28 53	0 24 58	-45 89				509500
80192	LIMA-MT	4801	5 11	1 20 09	0 24 81	+35 60				509500
80194	FT. MYERS-MT	4021	5 11	5 14 37	0 09 63	-48 48				509500
80195	FT. MYERS-MT	4021	5 11	7 14 30	0 12 85	+ 7 99				509500
80196	FT. MYERS-MT	4021	5 11	11 07 57	0 00 61	-35 44				509500
80197	ANTIGUA-MT	4901	5 11	11 14 38	0 21 66	-29 93				509500
80198	JOHANNESBURG-MT	4400	5 11	11 41 35	0 50 99	-26 95				509500
80199	JOHANNESBURG-MT	4400	5 11	13 36 06	0 88 74	-45 66				509500
80200	LIMA-MT	4801	5 11	15 03 32	0 05 70	+62 40				509500
80201	JOHANNESBURG-MT	4400	5 11	15 31 11	0 59 61	+30 84				509500
80202	ANTOFAGASTA-MT	4803	5 11	17 01 12	0 00 07	+ 6 79				509500
80203	ANTOFAGASTA-MT	4803	5 11	22 46 00	0 19 36	+44 33				509500
80204	LIMA-MT	4801	5 12	0 40 54	0 20 18	+18 48				509500
80206	ANTIGUA-MT	4901	5 12	2 45 50	6 22 13	-22 52				509500
80207	FT. MYERS-MT	4021	5 12	4 36 37	0 08 15	-57 75				509500
80209	FT. MYERS-MT	4021	5 12	6 35 02	0 01 25	+ 2 66				509500
10143	JUPITER-BN	9010	5 12	6 38 02.98	18 39 00	29 18				434013
10144	JUPITER-BN	9010	5 12	6 38 36.61	19 09 06	28 32				434013
10145	JUPITER-BN	9010	5 12	6 39 42.97	19 51 06	26 32				434013
10146	JUPITER-BN	9010	5 12	6 27 43.01	14 33 30	24 52				434013
10147	JUPITER-BN	9010	5 12	8 31 57.42	17 44 48	39 16				434013
80210	FT. MYERS-MT	4021	5 12	8 32 03	0 09 68	+18 68				509500
10148	JUPITER-BN	9010	5 12	8 35 39.21	21 19 54	24 30				434013
14002	EDWARDS AFB	9113	5 12	10 16 34.35	17 17 12	7 40				434013
80212	FT. MYERS-MT	4021	5 12	10 28 52	0 28 04	-23 24				509500
80213	ANTIGUA-MT	4901	5 12	10 35 40	0 11 93	- 8 24				509500
80214	JOHANNESBURG-MT	4400	5 12	11 03 20	0 23 47	-13 26				509500
80215	JOHANNESBURG-MT	4400	5 12	12 57 47	0 22 23	-51 77				509500
80216	JOHANNESBURG-MT	4400	5 12	14 52 37	0 24 48	+19 28				509500
80217	ANTOFAGASTA-MT	4803	5 12	16 22 54	0 30 32	+32 32				509500
80218	ANTOFAGASTA-MT	4803	5 12	22 07 18	0 03 41	+32 73				509500
10164	SHIRAZ-BN	9008	5 12	22 52 47.43	17 47 48	26 20				434013
10165	SHIRAZ-BN	9008	5 12	22 54 45.69	19 34 42	23 13				434013
80219	LIMA-MT	4801	5 13	0 01 49	0 14 33	- 2 90				509500
10168	SHIRAZ-BN	9008	5 13	0 48 26.20	18 36 00	13 26				434013
80220	QUITO-MT	4800	5 13	1 39 44	2 10 29	+39 91				509500
80221	ANTIGUA-MT	4901	5 13	2 06 32	0 07 40	-34 89				509500
80222	WOOMERA-MT	4400	5 13	5 07 42	0 13 98	+43 95				509500
80223	FT. MYERS-MT	4021	5 13	5 55 32	0 16 17	- 3 46				509500
10177	JUPITER-BN	9010	5 13	7 49 18.92	14 33 24	27 24				434013
10210	JUPITER-BN	9010	5 13	7 50 52.87	15 36 42	32 18				434013
80224	FT. MYERS-MT	4021	5 13	7 52 43	0 10 67	+19 03				509500
10211	JUPITER-BN	9010	5 13	7 53 40.44	18 16 04	38 20				434013
10174	JUPITER-BN	9010	5 13	9 48 23.21	18 03 18	20 21				434013
10175	JUPITER-BN	9010	5 13	9 49 10.42	18 46 24	18 28				434013
10176	JUPITER-BN	9010	5 13	9 50 23.93	19 54 48	13 39				434013
80229	JOHANNESBURG-MT	4400	5 13	12 19 32	0 32 54	-59 68				509500
10158	TOKYO-BN	9005	5 13	16 50 16.90	16 40 48	6 18				434013
10159	TOKYO-BN	9005	5 13	16 51 14.90	17 23 30	6 17				434013
90004	HITAKA	0229	5 13	16 51 20.6			180 34	60 34		848503
10160	TOKYO-BN	9005	5 13	16 51 43.30	17 48 30	6 04				434013
10161	TOKYO-BN	9005	5 13	18 46 17.20	17 56 48	- 3 04				434013
10162	TOKYO-BN	9005	5 13	18 46 32.40	18 07 24	- 3 42				434013
10163	TOKYO-BN	9005	5 13	18 46 44.30	18 15 54	- 4 14				434013
80231	ANTOFAGASTA-MT	4803	5 13	21 28 44	0 54 46	+17 80				509500
10171	SHIRAZ-BN	9008	5 13	22 13 27.98	17 16 24	26 10				434013
10172	SHIRAZ-BN	9008	5 13	22 13 46.04	17 33 00	26 10				434013
80232	LIMA-MT	4801	5 13	23 22 54	0 23 30	-27 33				509500
80233	ANTIGUA-MT	4901	5 14	1 26 59	0 00 53	-50 60				509500
80234	ANTIGUA-MT	4901	5 14	3 25 29	0 10 73	+44 14				509500
80236	FT. MYERS-MT	4021	5 14	5 16 00	0 05 92	-10 65				509500
80237	FT. MYERS-MT	4021	5 14	7 13 18	0 03 76	+18 68				509500
10178	JUPITER-BN	9010	5 14	9 08 56.90	17 23 42	24 23				434013
10179	JUPITER-BN	9010	5 14	9 11 19.11	19 34 00	18 19				434013
80238	ANTIGUA-MT	4901	5 14	9 17 22	0 12 03	+23 04				509500
80239	JOHANNESBURG-MT	4400	5 14	9 46 50	0 23 19	+23 99				509500
80240	SAN DIEGO-MT	4011	5 14	10 55 34	0 00 91	-39 61				509500
10154	MAUI-BN	9012	5 14	12 38 08.24	14 05 48	33 40				434013
10153	MAUI-BN	9012	5 14	12 39 56.54	18 19 12	54 21				434013
10152	MAUI-BN	9012	5 14	12 41 03.19	19 33 24	50 50				434013
80241	QUITO-MT	4800	5 14	13 06 55	0 19 04	- 2 17				509500
10156	MAUI-BN	9012	5 14	14 36 45.06	19 47 54	33 43				434013
10199	NAINI TAL-BN	9006	5 14	19 47 10.14	17 40 36	26 10				434013
10196	NAINI TAL-BN	9006	5 14	19 47 39.60	18 05 12	23 38				434013
10197	NAINI TAL-BN	9006	5 14	19 48 34.29	18 45 48	24 06				434013
10200	SHIRAZ-BN	9008	5 14	21 35 49.31	18 13 18	24 31				434013
10201	SHIRAZ-BN	9008	5 14	21 38 05.46	19 45 24	19 48				434013
10202	SHIRAZ-BN	9008	5 14	21 39 21.42	20 23 48	16 41				434013
10209	NAINI TAL-BN	9006	5 14	21 44 08.12	19 30 00	16 00				434013
80242	LIMA-MT	4801	5 14	22 44 07	0 24 01	-51 42				509500
10203	SHIRAZ-BN	9008	5 14	23 30 06.91	17 45 30	20 07				434013
10204	SHIRAZ-BN	9008	5 14	23 31 56.30	19 20 24	19 16				434013
10205	SHIRAZ-BN	9008	5 14	23 32 08.30	19 28 30	14 40				434013
80243	QUITO-MT	4800	5 15	0 41 03	0 08 91	- 6 29				509500
10149	CURACAO-BN	9009	5 15	0 46 30.82	13 06 48	-12 29				434013
10150	CURACAO-BN	9009	5 15	0 46 42.82	13 16 36	-10 50				434013
10151	CURACAO-BN	9009	5 15	0 47 24.84	13 48 42	- 5 26				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00264	ANTIGUA-MT	4901	5 15	2 45 55	0 94 44	+36 59				309500
10192	SAN FERNANDO-BN	9004	5 15	3 05 07.26	18 01 08	- 0 08				434013
10194	SAN FERNANDO-BN	9004	5 15	3 05 25.26	18 12 30	- 0 18				434013
00243	PT. MYERS-MT	4021	5 15	4 34 29	0 06 01	-19 09				309500
00247	PT. MYERS-MT	4021	5 15	6 33 51	0 04 96	+17 09				309500
10103	JUPITER-BN	9010	5 15	6 35 12.66	17 25 48	35 19				434013
10105	JUPITER-BN	9010	5 15	6 35 16.67	17 29 54	35 12				434013
10104	JUPITER-BN	9010	5 15	6 35 24.64	17 37 30	35 05				434013
10109	ORSAN PASS-BN	9001	5 15	8 22 55.46	16 57 12	16 46				434013
10190	ORSAN PASS-BN	9001	5 15	8 24 35.70	18 17 48	15 27				434013
10191	ORSAN PASS-BN	9001	5 15	8 26 25.89	19 30 24	12 06				434013
10101	JUPITER-BN	9010	5 15	8 30 43.72	17 51 42	26 11				434013
10102	JUPITER-BN	9010	5 15	8 30 51.72	17 58 54	25 58				434013
00249	ANTIGUA-MT	4901	5 15	8 38 03	0 14 81	+33 35				309500
00250	ANTIGUA-MT	4901	5 15	8 38 03	0 14 81	+33 36				309500
10206	MAUI-BN	9012	5 15	11 59 00.26	14 03 12	54 38				434013
10207	MAUI-BN	9012	5 15	11 59 39.84	16 41 12	55 12				434013
10208	MAUI-BN	9012	5 15	12 01 07.12	18 25 00	53 18				434013
00253	QUITO-MT	4800	5 15	12 28 01	2 78 44	+22 47				309500
00254	LIMA-MT	4801	5 15	14 25 39	0 28 44	-47 94				309500
10223	SHIRAZ-BN	9008	5 15	16 59 36.66	12 35 06	-38 40				434023
10224	SHIRAZ-BN	9008	5 15	17 00 06.09	12 32 54	-36 45				434023
00255	ANTOFAGASTA-MT	4803	5 15	20 11 53	0 77 03	-21 72				309500
10226	SHIRAZ-BN	9008	5 15	22 48 36.08	15 30 42	22 39				434013
10227	SHIRAZ-BN	9008	5 15	22 51 11.17	17 34 48	21 55				434013
10228	SHIRAZ-BN	9008	5 15	22 52 35.04	18 44 06	18 37				434013
00256	QUITO-MT	4800	5 16	0 01 59	0 10 40	-33 00				309500
10212	JUPITER-BN	9010	5 16	1 59 14.47	11 54 06	-35 23				434023
10213	JUPITER-BN	9010	5 16	1 59 30.47	12 05 24	-34 22				434023
10214	JUPITER-BN	9010	5 16	1 59 46.47	12 16 54	-33 21				434023
00257	ANTIGUA-MT	4901	5 16	2 04 34	1 36 13	+28 34				309500
10215	SAN FERNANDO-BN	9004	5 16	2 24 49.70	16 49 36	3 16				434013
10216	SAN FERNANDO-BN	9004	5 16	2 25 34.57	17 21 18	2 29				434013
10217	SAN FERNANDO-BN	9004	5 16	2 26 10.57	17 46 30	1 41				434013
10106	ORSAN PASS-BN	9001	5 16	3 48 30.17	12 37 06	-36 12				434023
10107	ORSAN PASS-BN	9001	5 16	3 48 34.17	12 39 54	-35 59				434023
10108	ORSAN PASS-BN	9001	5 16	3 48 38.16	12 42 12	-35 46				434023
00258	PT. MYERS-MT	4021	5 16	3 57 01	0 11 03	-28 84				309500
00259	PT. MYERS-MT	4021	5 16	3 57 02	0 11 05	-28 84				309500
10218	SAN FERNANDO-BN	9004	5 16	4 20 39.06	17 52 00	-11 07				434013
10219	SAN FERNANDO-BN	9004	5 16	4 21 18.22	18 15 30	-13 07				434013
00260	PT. MYERS-MT	4021	5 16	5 34 24	0 11 42	+15 97				309500
00261	SAN DIEGO-MT	4011	5 16	7 39 34	0 08 70	-37 26				309500
00262	PT. MYERS-MT	4021	5 16	7 51 31	0 10 48	+ 7 25				309500
00263	ANTIGUA-MT	4901	5 16	7 58 38	0 14 81	+41 39				309500
00264	JONAHESBORG-MT	4400	5 16	8 30 11	1 49 71	+52 77				309500
00265	SAN DIEGO-MT	4011	5 16	9 34 43	0 02 01	-31 79				309500
00266	SAN DIEGO-MT	4011	5 16	9 34 43	0 01 40	-31 79				309500
00267	JONAHESBORG-MT	4400	5 16	10 24 55	0 83 16	-50 82				309500
00268	QUITO-MT	4800	5 16	11 48 48	0 13 45	+42 51				309500
00270	LIMA-MT	4801	5 16	13 46 58	0 09 02	-20 17				309500
10229	SHIRAZ-BN	9008	5 16	22 10 10.83	15 42 12	24 28				434013
10231	SHIRAZ-BN	9008	5 16	22 15 32.51	15 54 12	13 31				434013
10230	MAINI TAL-BN	9004	5 16	22 20 10.18	18 11 48	2 30				434013
10239	MAINI TAL-BN	9004	5 16	22 21 32.12	19 11 48	- 2 40				434013
10232	JUPITER-BN	9010	5 17	1 22 07.09	12 52 18	-32 57				434023
10234	JUPITER-BN	9010	5 17	1 23 31.66	13 48 42	-29 04				434023
00273	ANTIGUA-MT	4901	5 17	1 27 01	2 77 78	+15 25				309500
10220	SAN FERNANDO-BN	9004	5 17	1 45 58.54	16 39 48	3 53				434013
10221	SAN FERNANDO-BN	9004	5 17	1 46 33.18	17 04 30	3 25				434013
00274	PT. MYERS-MT	4021	5 17	3 17 38	0 09 84	-39 82				309500
10222	SAN FERNANDO-BN	9004	5 17	3 42 08.75	17 51 48	- 9 55				434013
10223	SAN FERNANDO-BN	9004	5 17	3 42 20.75	17 59 12	-10 31				434013
00275	PT. MYERS-MT	4021	5 17	5 14 57	0 11 34	+13 45				309500
10235	JUPITER-BN	9010	5 17	7 09 55.80	15 03 54	30 42				434013
10236	JUPITER-BN	9010	5 17	7 12 19.64	17 09 04	30 59				434013
10237	JUPITER-BN	9010	5 17	7 15 42.99	19 55 18	19 37				434013
00278	ANTIGUA-MT	4901	5 17	7 19 09	0 10 45	+47 78				309500
00279	JONAHESBORG-MT	4400	5 17	7 51 43	0 57 18	+61 63				309500
00280	PT. MYERS-MT	4021	5 17	9 09 42	0 09 56	-42 36				309500
00281	ANTIGUA-MT	4901	5 17	9 17 29	0 02 34	-45 32				309500
00283	JONAHESBORG-MT	4400	5 17	11 41 03	2 19 62	-46 17				309500
10255	MAUI-BN	9012	5 17	12 36 03.16	15 33 48	47 12				434013
10256	MAUI-BN	9012	5 17	12 41 39.70	20 43 18	30 56				434013
00284	LIMA-MT	4801	5 17	13 08 09	0 23 99	+ 7 00				309500
00285	JONAHESBORG-MT	4400	5 17	13 35 45	1 70 90	+68 19				309500
10240	SHIRAZ-BN	9008	5 17	17 38 51.48	13 17 24	-13 40				434013
10241	SHIRAZ-BN	9008	5 17	17 39 07.58	13 29 36	-12 26				434013
10242	SHIRAZ-BN	9008	5 17	21 34 07.39	18 01 06	22 05				434013
10243	SHIRAZ-BN	9008	5 17	21 34 15.39	18 07 24	21 42				434013
10244	SHIRAZ-BN	9008	5 17	23 26 01.75	15 50 54	12 12				434013
10245	SHIRAZ-BN	9008	5 17	23 29 04.53	17 57 12	4 47				434013
00286	ANTIGUA-MT	4901	5 18	0 47 56	1 85 32	+ 2 66				309500
10251	JUPITER-BN	9010	5 18	2 39 11.54	13 08 24	- 1 12				434013
10252	JUPITER-BN	9010	5 18	2 40 06.14	13 56 30	3 19				434013
10246	SAN FERNANDO-BN	9004	5 18	3 03 55.90	18 04 30	- 9 40				434013
00287	PT. MYERS-MT	4021	5 18	4 35 34	0 02 31	+ 9 98				309500
10250	MAUI-BN	9012	5 18	6 09 39.26	13 42 00	- 9 19				434013
00289	PT. MYERS-MT	4021	5 18	6 32 34	0 08 64	+14 66				309500
10247	JUPITER-BN	9010	5 18	6 34 12.97	17 49 18	30 10				434013
10248	JUPITER-BN	9010	5 18	6 37 29.50	20 03 06	17 42				434013
00290	JONAHESBORG-MT	4400	5 18	7 13 10	0 72 73	+67 73				309500
10260	MAUI-BN	9012	5 18	8 03 15.84	11 51 06	26 27				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80291	SAN DIEGO-MT	4011	5 18	8 17 48	0 01 49	-28 82				589500
80292	FT. MYERS-MT	4021	5 18	8 30 10	0 13 44	-32 24				589500
10290	JUPITER-SN	9010	5 18	8 32 29.21	19 58 04	- 3 37				434013
80293	ANTIGUA-MT	4901	5 18	8 37 59	0 02 99	-28 93				589500
16003	EDWARDS AFB	9113	5 18	10 14 12.47	17 37 42	- 3 52				434013
80294	JOHANNESBURG-MT	4400	5 18	11 02 48	0 44 46	-31 53				589500
10262	MAUI-SN	9012	5 18	11 58 00.69	16 25 18	50 24				434013
10261	MAUI-SN	9012	5 18	12 01 54.89	20 02 06	39 40				434013
80295	LIMA-MT	4801	5 18	12 29 12	0 24 99	+28 56				589500
10263	MAUI-SN	9012	5 18	13 56 19.58	18 55 30	16 08				434013
10264	MAUI-SN	9012	5 18	13 58 05.09	20 16 48	6 35				434013
10276	SHIRAZ-SN	9008	5 18	16 59 51.87	12 53 48	-19 50				434013
10277	SHIRAZ-SN	9008	5 18	17 01 43.67	14 18 30	-10 16				434013
10279	SHIRAZ-SN	9008	5 18	18 52 57.83	11 30 48	3 12				434013
10270	SAN FERNANDO-SN	9004	5 18	20 35 46.27	13 25 36	-28 43				434023
10271	SAN FERNANDO-SN	9004	5 18	20 36 57.33	14 07 36	-23 48				434023
80296	LIMA-MT	4801	5 18	22 06 04	0 09 10	+48 51				589500
10280	SHIRAZ-SN	9008	5 18	22 47 36.42	15 56 00	13 46				434013
10281	SHIRAZ-SN	9008	5 18	22 50 46.89	18 15 30	5 28				434013
80297	ANTIGUA-MT	4901	5 19	0 08 42	0 33 61	-16 73				589500
10266	JUPITER-SN	9010	5 19	2 02 37.57	16 49 00	4 10				434013
10272	SAN FERNANDO-SN	9004	5 19	2 23 39.02	17 01 00	- 4 49				434013
10273	SAN FERNANDO-SN	9004	5 19	2 23 55.02	17 11 12	- 5 21				434013
80298	FT. MYERS-MT	4021	5 19	5 53 07	0 13 31	+17 21				589500
10287	MAUI-SN	9012	5 19	7 27 57.47	15 29 06	34 21				434013
80299	SAN DIEGO-MT	4011	5 19	7 38 24	0 09 97	-29 11				589500
10267	JUPITER-SN	9010	5 19	7 46 32.73	14 53 48	19 20				434013
10268	JUPITER-SN	9010	5 19	7 47 52.80	15 43 30	18 19				434013
80300	FT. MYERS-MT	4021	5 19	7 50 35	0 12 76	-22 90				589500
10269	JUPITER-SN	9010	5 19	7 50 48.69	17 53 30	10 50				434013
80301	ANTIGUA-MT	4901	5 19	7 58 23	0 02 03	-13 08				589500
80302	JOHANNESBURG-MT	4400	5 19	8 30 07	0 24 01	-19 52				589500
80303	LIMA-MT	4801	5 19	11 50 0	0 07 18	+44 74				589500
10288	MAUI-SN	9012	5 19	13 18 58.54	20 03 24	11 25				434013
10289	MAUI-SN	9012	5 19	13 23 34.08	22 21 54	- 8 35				434013
80304	ANTOFAGASTA-MT	4803	5 19	13 49 18	0 05 44	+ 8 38				589500
10290	SHIRAZ-SN	9008	5 19	16 21 08.28	12 40 36	-25 21				434023
10291	SHIRAZ-SN	9008	5 19	16 21 16.28	12 46 54	-24 35				434023
10292	SHIRAZ-SN	9008	5 19	18 16 50.71	13 26 36	10 17				434013
10293	SHIRAZ-SN	9008	5 19	18 17 12.60	13 47 54	11 38				434013
10294	SHIRAZ-SN	9008	5 19	22 10 38.49	17 14 06	11 37				434013
10295	SHIRAZ-SN	9008	5 19	22 14 17.82	19 40 18	- 0 30				434013
80305	ANTIGUA-MT	4901	5 19	23 29 41	0 12 12	-37 76				589500
80306	MOONERA-MT	4600	5 20	2 34 29	0 27 04	+41 97				589500
80307	FT. MYERS-MT	4021	5 20	3 17 01	0 03 41	- 0 95				589500
80308	FT. MYERS-MT	4021	5 20	5 13 44	0 07 03	+19 06				589500
80309	FT. MYERS-MT	4021	5 20	7 11 00	0 02 77	-14 54				589500
10302	JUPITER-SN	9010	5 20	7 11 47.37	17 44 06	13 55				434013
10303	JUPITER-SN	9010	5 20	7 12 38.88	18 22 24	10 33				434013
80310	ANTIGUA-MT	4901	5 20	7 18 44	0 20 10	+ 1 32				589500
80311	JOHANNESBURG-MT	4400	5 20	7 51 35	0 39 65	- 6 37				589500
80312	SAN DIEGO-MT	4011	5 20	8 56 04	0 03 19	-44 29				589500
10304	JUPITER-SN	9010	5 20	9 07 41.93	18 02 48	-16 28				434013
80313	QUITO-MT	4800	5 20	11 10 12	0 12 03	-33 54				589500
80314	JOHANNESBURG-MT	4400	5 20	11 40 52	0 94 46	+23 28				589500
10296	SHIRAZ-SN	9008	5 20	17 37 19.70	12 28 36	2 35				434013
10299	SHIRAZ-SN	9008	5 20	17 37 55.59	13 04 48	5 15				434013
80315	LIMA-MT	4801	5 20	20 48 59	0 60 02	-17 00				589500
10274	SAN FERNANDO-SN	9004	5 20	21 13 52.24	13 52 36	-13 51				434013
10275	SAN FERNANDO-SN	9004	5 20	23 04 54.37	11 41 00	- 4 26				434013
10300	SHIRAZ-SN	9008	5 20	23 25 42.79	16 30 12	- 5 15				434013
10301	SHIRAZ-SN	9008	5 20	23 27 14.37	17 23 12	-10 51				434013
80317	FT. MYERS-MT	4021	5 21	2 37 53	0 13 97	- 9 30				589500
80318	FT. MYERS-MT	4021	5 21	4 34 25	0 01 11	+20 29				589500
80319	SAN DIEGO-MT	4011	5 21	6 19 49	0 18 91	-33 64				589500
80320	FT. MYERS-MT	4021	5 21	6 31 27	0 05 30	- 7 10				589500
80322	SAN DIEGO-MT	4011	5 21	8 16 36	0 18 20	-40 61				589500
10284	JUPITER-SN	9010	5 21	8 25 49.15	16 12 54	- 2 07				434013
80323	JOHANNESBURG-MT	4400	5 21	9 08 00	0 31 32	-48 66				589500
80324	JOHANNESBURG-MT	4400	5 21	11 02 35	0 69 96	+ 3 13				589500
10306	SHIRAZ-SN	9008	5 21	16 59 38.77	13 18 24	2 02				434013
10307	SHIRAZ-SN	9008	5 21	17 00 42.86	14 21 30	6 23				434013
80326	QUITO-MT	4800	5 21	22 06 27	0 33 83	+17 04				589500
80327	MOONERA-MT	4600	5 22	1 17 48	0 39 39	+36 53				589500
80328	MOONERA-MT	4600	5 22	1 17 48	0 39 40	+36 52				589500
80329	FT. MYERS-MT	4021	5 22	1 58 52	0 09 37	-20 04				589500
80331	FT. MYERS-MT	4021	5 22	3 55 12	0 03 71	+20 88				589500
80332	SAN DIEGO-MT	4011	5 22	5 40 40	0 06 58	-58 14				589500
80333	FT. MYERS-MT	4021	5 22	5 51 58	0 06 10	- 0 33				589500
80334	ANTIGUA-MT	4901	5 22	5 59 21	0 08 02	+25 88				589500
80335	JOHANNESBURG-MT	4400	5 22	6 34 24	1 02 53	-16 73				589500
80336	SAN DIEGO-MT	4011	5 22	7 57 12	0 10 39	-37 87				589500
80337	JOHANNESBURG-MT	4400	5 22	8 29 37	0 57 28	-43 61				589500
80338	QUITO-MT	4800	5 22	9 51 04	0 05 43	+ 7 52				589500
80339	JOHANNESBURG-MT	4400	5 22	10 24 17	0 77 71	-12 98				589500
10308	TKYO-SN	9005	5 22	10 57 55.40	12 22 00	-18 52				434013
10309	TKYO-SN	9005	5 22	10 59 06.10	13 24 24	-14 12				434013
80340	LIMA-MT	4801	5 22	11 50 28	0 04 03	-40 90				589500
10310	TKYO-SN	9005	5 22	12 52 14.50	12 35 06	- 0 11				434013
10311	TKYO-SN	9005	5 22	12 53 52.60	14 02 12	2 08				434013
10320	MAUI-SN	9012	5 22	13 16 20.21	18 26 00	- 7 43				434013
10327	MAUI-SN	9012	5 22	13 18 10.65	19 36 42	-16 10				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00342	ANTOPALASTA-MT	4003	5 22	13 49 01	0 46 39	-49 32				589500
10322	SHIRAZ-BN	9008	5 22	18 16 00.31	13 39 48	23 39				434013
10323	SHIRAZ-BN	9008	5 22	18 16 56.21	14 45 00	24 16				434013
00344	QUITO-MT	4000	5 22	21 27 48	3 42 18	-27 25				589500
10319	SAN FERNANDO-BN	9004	5 22	21 50 09.93	12 56 12	- 6 02				434013
00345	ANTIGUA-MT	4901	5 22	23 29 56	3 32 49	+47 58				589500
10324	SHIRAZ-BN	9008	5 23	0 05 05.04	17 24 42	-28 17				434023
10325	SHIRAZ-BN	9008	5 23	0 05 17.04	17 30 18	-29 03				434023
00346	WOONERA-MT	4600	5 23	0 39 20	0 35 41	+35 71				589500
00347	PT. MYERS-MT	4021	5 23	1 19 58	0 15 34	-33 27				589500
10314	JUPITER-BN	9010	5 23	1 20 09.64	11 29 48	6 27				434013
00349	PT. MYERS-MT	4021	5 23	3 16 04	0 13 95	+20 63				589500
10315	JUPITER-BN	9010	5 23	3 16 32.23	13 46 06	37 12				434013
10316	JUPITER-BN	9010	5 23	3 17 39.32	15 13 06	36 15				434013
00350	PT. MYERS-MT	4021	5 23	5 12 35	0 14 25	+ 5 64				589500
00351	ANTIGUA-MT	4901	5 23	5 19 43	0 18 82	+36 20				589500
00352	JOHANNESBURG-MT	4400	5 23	5 55 35	0 62 73	+26 67				589500
00353	SAN DIEGO-MT	4011	5 23	6 57 54	0 02 50	-36 13				589500
00354	JOHANNESBURG-MT	4400	5 23	7 51 09	1 01 01	-37 52				589500
10334	MAUI-BN	9012	5 23	8 39 35.70	10 43 36	50 47				434013
10335	MAUI-BN	9012	5 23	8 41 42.53	13 42 48	60 46				434013
10317	JUPITER-BN	9010	5 23	9 05 16.96	17 09 36	-26 50				434023
10318	JUPITER-BN	9010	5 23	9 06 50.34	17 52 12	-32 59				434023
00355	QUITO-MT	4000	5 23	9 11 19	0 10 92	+25 19				589500
00356	LIMA-MT	4001	5 23	11 11 12	0 23 35	-23 07				589500
10336	MAUI-BN	9012	5 23	14 29 17.05	16 25 18	-15 54				434013
10330	SHIRAZ-BN	9008	5 23	17 34 14.78	12 05 24	18 11				434013
10331	SHIRAZ-BN	9008	5 23	17 39 14.13	15 37 12	21 07				434013
10328	SAN FERNANDO-BN	9004	5 23	21 12 18.61	13 24 54	- 7 48				434013
10333	SHIRAZ-BN	9008	5 23	23 29 07.57	16 41 48	-36 42				434023
00340	WOONERA-MT	4600	5 24	0 00 45	0 20 31	+36 05				589500
00341	PT. MYERS-MT	4021	5 24	0 41 10	0 21 63	-48 54				589500
00343	WOONERA-MT	4600	5 24	1 55 45	0 17 61	+48 61				589500
00345	PT. MYERS-MT	4021	5 24	2 57 06	0 28 54	+19 33				589500
00346	PT. MYERS-MT	4021	5 24	4 33 18	0 07 99	+11 17				589500
00348	ANTIGUA-MT	4901	5 24	4 40 21	3 63 50	+44 41				589500
00346	JOHANNESBURG-MT	4400	5 24	5 16 38	0 06 05	+35 30				589500
10349	MAUI-BN	9012	5 24	6 05 11.15	8 39 00	29 53				434013
10350	MAUI-BN	9012	5 24	6 07 40.79	12 54 48	50 50				434013
00347	PT. MYERS-MT	4021	5 24	6 30 44	0 08 57	-45 06				589500
00348	ANTIGUA-MT	4901	5 24	6 38 58	0 07 18	-45 08				589500
00349	JOHANNESBURG-MT	4400	5 24	7 12 34	0 03 94	-30 70				589500
10351	MAUI-BN	9012	5 24	8 04 36.16	16 22 06	56 01				434013
00371	JOHANNESBURG-MT	4400	5 24	9 07 33	1 08 14	-29 77				589500
00372	LIMA-MT	4001	5 24	10 31 45	0 11 01	- 4 94				589500
10338	TEKYO-BN	9005	5 24	11 36 16.40	13 16 18	- 3 56				434013
00373	ANTOPALASTA-MT	4003	5 24	12 31 32	0 34 23	-23 80				589500
10339	MAUI-BN	9012	5 24	13 55 08.12	18 30 48	-36 01				434023
10343	RAINI TAL-BN	9006	5 24	15 10 04.62	12 24 06	17 37				434013
10342	SHIRAZ-BN	9008	5 24	16 59 36.13	14 26 42	19 27				434013
10348	RAINI TAL-BN	9006	5 24	17 04 31.79	12 36 54	24 56				434013
00375	ANTIGUA-MT	4901	5 24	22 12 28	3 77 49	+28 29				589500
00376	WOONERA-MT	4600	5 24	23 22 03	0 37 82	+37 31				589500
00377	WOONERA-MT	4600	5 25	1 17 15	0 00 40	+39 37				589500
00378	PT. MYERS-MT	4021	5 25	1 58 14	0 02 50	+16 65				589500
00379	PT. MYERS-MT	4021	5 25	3 54 04	1 04 33	+16 51				589500
10004	EDWARDS APS	9113	5 25	5 39 10.74	13 40 06	2 30				434013
00380	SAN DIEGO-MT	4011	5 25	5 39 40	0 08 62	-36 12				589500
00381	PT. MYERS-MT	4021	5 25	5 51 10	0 11 23	-36 97				589500
00383	JOHANNESBURG-MT	4400	5 25	6 33 52	0 09 59	-23 48				589500
10347	MAUI-BN	9012	5 25	7 24 05.98	13 10 06	64 54				434013
10348	MAUI-BN	9012	5 25	7 24 24.56	13 54 36	64 27				434013
00384	JOHANNESBURG-MT	4400	5 25	8 29 04	0 58 51	-32 72				589500
00385	SANTIAGO-MT	4002	5 25	13 48 16	0 26 99	+49 42				589500
10363	SHIRAZ-BN	9008	5 25	16 19 56.11	12 47 36	13 46				434013
10364	SHIRAZ-BN	9008	5 25	16 21 23.33	14 41 12	15 56				434013
10359	RAINI TAL-BN	9006	5 25	16 27 13.13	14 05 18	26 13				434013
10360	RAINI TAL-BN	9006	5 25	16 27 51.16	14 32 48	24 49				434013
10366	SHIRAZ-BN	9008	5 25	18 14 44.22	13 27 42	25 07				434013
00388	ANTIGUA-MT	4901	5 25	21 33 48	0 56 32	- 7 28				589500
00389	WOONERA-MT	4600	5 26	0 38 39	2 02 43	+32 22				589500
00390	PT. MYERS-MT	4021	5 26	1 19 28	0 11 57	+12 00				589500
00391	PT. MYERS-MT	4021	5 26	3 19 07	0 20 44	+20 90				589500
00392	PT. MYERS-MT	4021	5 26	3 19 07	0 17 64	+20 90				589500
00393	PT. MYERS-MT	4021	5 26	5 11 44	0 10 10	-29 02				589500
00394	ANTIGUA-MT	4901	5 26	5 19 24	0 18 17	-18 42				589500
00395	JOHANNESBURG-MT	4400	5 26	5 59 02	1 08 57	-16 08				589500
00396	JOHANNESBURG-MT	4400	5 26	7 50 50	0 71 92	-33 43				589500
00397	QUITO-MT	4000	5 26	9 11 46	0 16 15	-49 21				589500
00398	LIMA-MT	4001	5 26	9 12 24	0 04 51	+28 28				589500
10394	AREQUIPA-BN	9007	5 26	9 19 24.72	21 04 48	3 10				434013
00399	SANTIAGO-MT	4002	5 26	13 09 32	0 14 14	+47 16				589500
10378	RAINI TAL-BN	9006	5 26	15 48 10.33	13 19 00	26 58				434013
10376	RAINI TAL-BN	9006	5 26	15 48 50.24	14 17 00	25 54				434013
10367	SHIRAZ-BN	9008	5 26	17 35 59.48	13 03 30	25 24				434013
10368	SHIRAZ-BN	9008	5 26	17 37 16.06	14 50 54	23 01				434013
10397	WOONERA-MT	9003	5 26	20 07 32.08	21 48 12	19 49				434013
10396	WOONERA-MT	9003	5 26	20 08 28.29	22 25 48	16 48				434013
00400	ANTIGUA-MT	4901	5 26	20 55 17	2 17 04	-38 59				589500
00401	WOONERA-MT	4600	5 26	22 04 16	0 19 07	+41 92				589500
00402	WOONERA-MT	4600	5 27	0 00 02	0 03 21	+27 30				589500

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80403	FT. MYERS-MT	4021	5 27	0 40 49	0 37 52	+ 4 40				589500
80404	FT. MYERS-MT	4021	5 27	2 36 13	0 27 94	+25 13				589500
80405	FT. MYERS-MT	4021	5 27	2 36 13	0 26 85	+25 13				589500
80406	SAN DIEGO-MT	4011	5 27	4 21 55	0 13 48	-41 50				589500
80407	FT. MYERS-MT	4021	5 27	4 32 26	0 08 88	-20 99				589500
80408	ANTIGUA-MT	4901	5 27	4 39 45	0 21 44	- 4 14				589500
80409	JOHANNESBURG-MT	4400	5 27	5 16 03	1 07 02	- 8 54				589500
80410	JOHANNESBURG-MT	4400	5 27	7 11 50	1 04 71	-32 64				589500
80411	QUITO-MT	4800	5 27	8 31 55	0 04 27	-34 43				589500
80412	QUITO-MT	4800	5 27	8 31 55	0 04 21	-34 43				589500
80413	LIMA-MT	4801	5 27	8 32 33	0 07 19	+42 68				589500
10361	AREQUIPA-BN	9007	5 27	8 36 21.53	20 56 24	7 17				434013
80414	JOHANNESBURG-MT	4400	5 27	9 07 11	0 26 37	+26 65				589500
10378	TOKYO-BN	9005	5 27	11 34 50.80	12 49 42	- 4 12				434013
80415	SANTIAGO-MT	4802	5 27	12 30 41	0 42 08	+46 18				589500
80417	ANTOFAGASTA-MT	4803	5 27	14 26 20	0 05 57	-47 35				589500
10369	SHIRAZ-BN	9008	5 27	16 56 44.59	11 38 12	24 02				434013
10389	MAUI TAL-BN	9004	5 27	17 02 20.20	11 31 54	15 29				434013
80419	LIMA-MT	4801	5 27	18 15 47	0 07 58	+14 40				589500
10395	MOONERA-BN	9003	5 27	19 29 22.69	22 03 04	18 17				434013
80420	MOONERA-MT	4600	5 27	21 29 08	0 12 25	+45 28				589500
80421	MOONERA-MT	4600	5 27	23 21 15	0 10 32	+24 12				589500
80422	FT. MYERS-MT	4021	5 28	0 02 14	0 22 54	- 4 81				589500
80424	ANTIGUA-MT	4901	5 28	4 00 14	0 34 61	+10 52				589500
80425	JOHANNESBURG-MT	4400	5 28	8 28 35	0 89 89	+11 00				589500
80429	LIMA-MT	4801	5 28	9 52 08	0 05 86	-49 81				589500
10362	AREQUIPA-BN	9007	5 28	9 53 28.54	20 39 42	-32 46				434023
80430	ANTOFAGASTA-MT	4803	5 28	9 54 45	0 07 33	+20 12				589500
80433	LIMA-MT	4801	5 28	17 37 14	0 04 27	-22 68				589500
80434	MOONERA-MT	4600	5 28	20 45 52	0 08 78	+49 14				589500
80438	MOONERA-MT	4600	5 28	22 42 21	0 10 64	+22 31				589500
80439	FT. MYERS-MT	4021	5 28	23 23 45	0 46 17	-22 17				589500
80439	FT MYERS-MT	4021	5 29	1 18 46	0 16 01	+31 88				589500
80440	FT MYERS-MT	4021	5 29	3 14 17	0 04 75	- 4 53				589500
80441	ANTIGUA-MT	4901	5 29	3 20 43	2 35 94	+26 58				589500
80444	LIMA-MT	4801	5 29	9 12 28	0 04 10	-38 06				589500
10394	AREQUIPA-BN	9007	5 29	9 14 44.91	20 54 42	-30 22				434023
10379	TOKYO-BN	9005	5 29	12 11 54.20	12 38 36	-18 49				434013
10380	TOKYO-BN	9005	5 29	12 12 39.20	13 23 48	-12 16				434013
80446	SANTIAGO-MT	4802	5 29	13 06 39	0 04 11	+45 33				589500
80447	ANTOFAGASTA-MT	4803	5 29	13 08 44	0 17 88	-48 16				589500
10401	SHIRAZ-BN	9008	5 29	17 35 21.53	13 30 48	14 19				434013
10402	SHIRAZ-BN	9008	5 29	17 35 31.18	13 49 00	13 45				434013
10371	MOONERA-BN	9003	5 29	18 10 19.72	20 57 00	24 11				434013
10372	MOONERA-BN	9003	5 29	20 05 18.53	20 47 34	4 17				434013
10373	MOONERA-BN	9003	5 29	20 07 31.12	22 25 04	- 2 21				434013
80460	FT MYERS-MT	4021	5 29	22 45 19	0 57 01	-40 88				589500
80462	MOONERA-MT	4600	5 29	23 59 16	0 01 57	+43 08				589500
10368	JUPITER-BN	9010	5 30	2 35 30.48	12 59 30	25 55				434013
10364	JUPITER-BN	9010	5 30	2 35 44.48	13 25 54	24 58				434013
80454	ANTIGUA-MT	4901	5 30	2 41 29	4 05 65	+41 67				589500
80457	JOHANNESBURG-MT	4400	5 30	3 18 14	0 94 01	+19 03				589500
80458	JOHANNESBURG-MT	4400	5 30	5 15 04	0 98 44	-25 71				589500
10381	MAUI-BN	9012	5 30	6 07 22.18	16 07 38	58 94				434013
80459	QUITO-MT	4800	5 30	6 32 14	0 21 04	+18 74				589500
80460	JOHANNESBURG-MT	4400	5 30	7 11 04	1 05 60	- 9 25				589500
80461	LIMA-MT	4801	5 30	8 32 42	0 03 35	-24 89				589500
10377	AREQUIPA-BN	9007	5 30	8 37 19.85	22 07 24	-31 11				434023
80463	SANTIAGO-MT	4802	5 30	10 33 14	0 01 95	+49 48				589500
80464	ANTOFAGASTA-MT	4803	5 30	10 33 22	0 07 1	-27 10				589500
80466	ANTOFAGASTA-MT	4803	5 30	14 25 46	0 33 17	- 7 38				589500
10407	SHIRAZ-BN	9008	5 30	16 56 46.14	13 10 30	16 02				434013
80467	QUITO-MT	4800	5 30	18 15 59	4 94 82	-35 89				589500
80468	MOONERA-MT	4600	5 30	21 24 08	0 18 48	+23 24				589500
80469	MOONERA-MT	4600	5 30	23 20 21	0 06 50	+34 64				589500
80470	FT MYERS-MT	4021	5 31	0 01 44	0 40 86	+34 26				589500
80471	FT MYERS-MT	4021	5 31	1 56 42	0 37 54	+12 96				589500
10385	JUPITER-BN	9010	5 31	1 56 59.07	12 43 00	29 54				434013
10386	JUPITER-BN	9010	5 31	1 57 07.07	12 58 42	29 20				434013
80472	JOHANNESBURG-MT	4400	5 31	2 38 42	0 87 82	+23 45				589500
80473	JOHANNESBURG-MT	4400	5 31	4 35 33	0 79 74	-22 30				589500
80475	JOHANNESBURG-MT	4400	5 31	6 32 08	0 95 09	-14 99				589500
80476	LIMA-MT	4801	5 31	7 52 53	0 01 43	-10 28				589500
80478	SANTIAGO-MT	4802	5 31	11 50 35	0 11 18	+37 33				589500
80479	ANTOFAGASTA-MT	4803	5 31	13 46 55	0 28 46	-17 26				589500
10403	SHIRAZ-BN	9008	5 31	16 18 12.38	12 43 54	18 01				434013
10405	SHIRAZ-BN	9008	5 31	18 11 47.44	12 07 00	- 4 32				434013
10406	SHIRAZ-BN	9008	5 31	18 11 54.80	12 15 04	- 5 04				434013
10367	MOONERA-BN	9003	5 31	20 44 48.93	22 20 54	-17 01				434013
10388	MOONERA-BN	9003	5 31	20 46 54.31	0 15 54	-18 02				434013
80481	MOONERA-MT	4600	5 31	22 41 19	0 02 89	+28 08				589500
80482	FT MYERS-MT	4021	6 01	1 18 05	0 03 24	+21 95				589500
80483	ANTIGUA-MT	4901	6 01	3 20 50	0 23 38	-45 30				589500
10399	MAUI-BN	9012	6 01	6 45 23.25	16 07 30	45 23				434013
80484	LIMA-MT	4801	6 01	7 13 03	0 04 43	+ 5 99				589500
10398	AREQUIPA-BN	9007	6 01	9 14 27.27	21 30 00	-53 23				434023
80485	ANTOFAGASTA-MT	4803	6 01	9 14 28	0 26 10	-12 58				589500
10397	VILLA DOLORES-BN	9011	6 01	9 16 04.96	21 21 06	- 7 14				434013
10396	VILLA DOLORES-BN	9011	6 01	9 17 05.07	22 06 30	- 9 25				434013
10417	SHIRAZ-BN	9008	6 01	17 33 58.90	12 34 00	- 6 43				434013
10418	SHIRAZ-BN	9008	6 01	17 34 25.54	13 09 54	- 8 51				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10391	WOMERA-BN	9003	6 01	18 10 39.07	21 40 06	2 53				434013
90487	WOMERA-MT	4600	6 01	20 05 24	0 23 58	+28 20				509500
10392	WOMERA-BN	9003	6 01	20 07 44.96	23 45 42	-17 22				434013
90488	WOMERA-MT	4600	6 01	22 02 10	0 04 76	+23 24				509500
90489	FT MYERS-MT	4021	6 01	22 02 11	0 03 60	+27 60				509500
90490	FT MYERS-MT	4021	6 02	0 39 35	0 42 07	+30 60				509500
10407	JUPITER-BN	9010	6 02	2 34 41.81	12 47 00	- 2 09				434013
90491	FT MYERS-MT	4021	6 02	2 34 56	0 25 10	-47 42				509500
90492	LIMA-MT	4801	6 02	6 33 16	0 13 52	+22 83				509500
90493	ANTOFAGASTA-MT	4803	6 02	8 34 52	0 03 32	- 4 54				509500
10414	YUKO-BN	9009	6 02	11 32 09.60	11 39 30	-23 45				434023
10419	SHIRAZ-BN	9008	6 02	16 55 28.23	12 07 18	- 5 12				434013
90495	ANTIGUA-MT	4901	6 02	18 21 50	1 76 38	-18 89				509500
90496	WOMERA-MT	4600	6 02	21 22 34	0 01 33	+19 96				509500
90497	WOMERA-MT	4600	6 02	21 22 34	0 01 18	+19 96				509500
90499	FT MYERS-MT	4021	6 03	0 01 09	0 39 59	+38 47				509500
90500	FT MYERS-MT	4021	6 03	1 34 13	0 28 52	-39 62				509500
10422	JUPITER-BN	9010	6 03	1 34 45.24	13 20 00	- 2 40				434013
90502	QUITO-MT	4800	6 03	5 52 57	0 14 79	-43 57				509500
90503	LIMA-MT	4801	6 03	5 53 32	0 16 18	+40 38				509500
90504	ANTOFAGASTA-MT	4803	6 03	7 55 13	0 06 07	+ 4 84				509500
90505	ANTOFAGASTA-MT	4803	6 03	9 52 44	0 07 72	-37 73				509500
10415	AREQUIPA-BN	9007	6 03	9 52 30.72	22 30 42	-64 11				434023
90509	WOMERA-MT	4600	6 03	18 46 23	0 05 82	+36 95				509500
10411	WOMERA-BN	9003	6 03	18 46 46.91	22 24 12	-14 12				434013
90510	WOMERA-MT	4600	6 03	20 43 32	0 04 34	+18 11				509500
10412	WOMERA-BN	9003	6 03	20 43 32.82	22 33 54	-21 10				434013
90511	FT MYERS-MT	4021	6 03	21 28 23	0 10 59	+ 3 30				509500
90512	FT MYERS-MT	4021	6 03	23 22 48	0 23 77	+44 65				509500
90513	FT MYERS-MT	4021	6 04	1 17 34	0 04 64	-29 52				509500
90514	FT MYERS-MT	4021	6 04	1 17 34	0 04 98	-29 52				509500
10423	JUPITER-BN	9010	6 04	1 18 25.71	13 20 18	0 03				434013
90515	ANTIGUA-MT	4901	6 04	1 23 32	0 32 07	+ 4 51				509500
90516	QUITO-MT	4800	6 04	5 13 21	0 08 72	-28 72				509500
90517	ANTOFAGASTA-MT	4803	6 04	7 15 33	0 19 99	+18 14				509500
90519	ANTOFAGASTA-MT	4803	6 04	9 13 14	0 24 81	-34 64				509500
90520	ANTOFAGASTA-MT	4803	6 04	11 10 13	0 32 69	-35 14				509500
90521	ANTOFAGASTA-MT	4803	6 04	13 07 19	0 46 69	+23 95				509500
90522	ANTOFAGASTA-MT	4803	6 04	13 07 19	0 46 64	+23 95				509500
90523	WOMERA-MT	4600	6 04	18 04 47	0 12 71	+42 83				509500
90524	WOMERA-MT	4600	6 04	20 04 05	0 17 84	+17 80				509500
90525	FT MYERS-MT	4021	6 04	20 50 05	0 03 45	-14 62				509500
90526	WOMERA-MT	4600	6 04	22 01 04	0 16 11	+41 92				509500
10410	OLIFANTSPNTH-BN	9002	6 05	3 16 37.06	23 09 34	-38 40				434023
90529	QUITO-MT	4800	6 05	4 33 33	0 22 12	- 9 40				509500
90530	LIMA-MT	4801	6 05	6 33 16	0 13 05	-43 82				509500
90531	ANTOFAGASTA-MT	4803	6 05	6 35 54	0 23 90	+26 40				509500
90534	ANTOFAGASTA-MT	4803	6 05	12 28 00	0 15 38	+10 76				509500
90535	LIMA-MT	4801	6 05	14 23 14	0 21 67	-19 02				509500
90536	QUITO-MT	4800	6 05	16 20 31	0 10 47	+26 34				509500
10425	SHIRAZ-BN	9008	6 05	16 54 49.37	11 52 24	-29 33				434023
90537	WOMERA-MT	4600	6 05	17 27 12	0 09 56	+49 52				509500
90538	WOMERA-MT	4600	6 05	19 24 35	0 22 44	+18 05				509500
10421	WOMERA-BN	9003	6 05	19 24 51.78	21 33 12	-21 18				434013
90539	FT MYERS-MT	4021	6 05	20 11 46	0 53 89	-32 30				509500
90540	WOMERA-MT	4600	6 05	21 21 40	0 06 99	+34 84				509500
90541	FT MYERS-MT	4021	6 05	22 06 14	0 62 63	+49 95				509500
90542	FT MYERS-MT	4021	6 06	0 00 41	0 47 69	- 3 03				509500
90543	ANTIGUA-MT	4901	6 06	0 06 04	0 23 44	+11 00				509500
10428	OLIFANTSPNTH-BN	9002	6 06	2 39 15.33	0 04 11	-11 53				434023
90544	QUITO-MT	4800	6 06	3 34 35	0 11 60	+14 38				509500
90545	LIMA-MT	4801	6 06	5 33 41	0 02 88	-33 09				509500
90547	ANTOFAGASTA-MT	4803	6 06	7 34 10	0 16 38	-27 06				509500
90548	ANTOFAGASTA-MT	4803	6 06	9 31 20	0 28 60	-38 11				509500
90549	LIMA-MT	4801	6 06	13 43 33	0 19 94	-33 85				509500
90551	WOMERA-MT	4600	6 06	18 49 04	0 06 68	+19 71				509500
10424	WOMERA-BN	9003	6 06	18 49 30.90	21 08 18	-20 26				434013
90552	FT MYERS-MT	4021	6 06	19 33 24	0 40 92	-46 81				509500
90553	WOMERA-MT	4600	6 06	20 42 11	0 23 21	+29 03				509500
90554	FT MYERS-MT	4021	6 06	21 27 58	0 37 05	+47 99				509500
90555	FT MYERS-MT	4021	6 06	23 22 19	0 53 47	+12 32				509500
10427	JUPITER-BN	9010	6 07	1 16 49.67	11 06 30	-23 19				434023
10429	OLIFANTSPNTH-BN	9002	6 07	2 01 06.67	0 19 36	-29 53				434023
90556	QUITO-MT	4800	6 07	3 15 24	0 03 19	+40 39				509500
10430	OLIFANTSPNTH-BN	9002	6 07	3 33 05.23	21 37 18	-33 28				434023
10432	MAUI-BN	9012	6 07	6 42 21.34	11 17 36	- 9 51				434013
90558	ANTOFAGASTA-MT	4803	6 07	7 14 38	0 21 41	-22 13				509500
90560	ANTOFAGASTA-MT	4803	6 07	9 11 49	0 23 90	-38 93				509500
10426	AREQUIPA-BN	9007	6 07	9 14 11.62	0 32 12	-55 54				434023
90561	ANTOFAGASTA-MT	4803	6 07	11 09 07	0 37 94	- 8 98				509500
90562	LIMA-MT	4801	6 07	13 04 30	0 04 03	-44 64				509500
90563	WOMERA-MT	4600	6 07	18 05 33	0 03 59	+22 53				509500
10431	WOMERA-BN	9003	6 07	20 02 24.48	21 54 48	-17 49				434013
90564	WOMERA-MT	4600	6 07	20 02 40	0 11 38	+24 56				509500
90566	FT MYERS-MT	4021	6 07	22 44 01	0 21 60	+23 79				509500
10433	OLIFANTSPNTH-BN	9002	6 08	3 16 06.90	23 42 30	-29 27				434023
10439	MAUI-BN	9012	6 08	6 04 20.31	11 35 48	- 7 38				434013
90567	ANTOFAGASTA-MT	4803	6 08	6 35 09	0 39 88	-16 12				509500
10434	AREQUIPA-BN	9007	6 08	8 35 56.03	0 47 00	-50 19				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80569	ANTOFAGASTA-MT	4803	6 08	10 29 34	0 37 85	-16 31				589500
80570	QUITO-MT	4800	6 08	14 23 00	0 19 85	-42 89				589500
80572	WONERA-MT	4600	6 08	17 26 04	0 17 51	+26 63				589500
10439	WONERA-BN	9003	6 08	19 22 54.48	21 20 54	-19 30				434013
80573	WONERA-MT	4600	6 08	19 23 08	0 06 76	+21 24				589500
80574	FT MYERS-MT	4021	6 08	20 11 23	0 22 49	+34 33				589500
80575	FT MYERS-MT	4021	6 08	22 09 44	0 33 63	+34 07				589500
80576	LIMA-MT	4801	6 09	3 55 37	0 21 32	+20 73				589500
80578	ANTOFAGASTA-MT	4803	6 09	7 52 48	0 31 10	-39 53				589500
80580	ANTOFAGASTA-MT	4803	6 09	9 49 59	0 29 56	-22 44				589500
80581	LIMA-MT	4801	6 09	13 44 07	0 04 34	+48 01				589500
80582	ANTIGUA-MT	4901	6 09	15 47 44	1 39 82	+ 5 90				589500
10436	WONERA-BN	9003	6 09	18 43 33.22	20 33 30	-20 32				434013
80583	WONERA-MT	4600	6 09	18 43 34	0 07 87	+19 15				589500
80584	FT MYERS-MT	4021	6 09	21 27 27	0 14 44	+42 32				589500
80585	ANTIGUA-MT	4901	6 09	23 27 39	0 04 04	-44 89				589500
80586	LIMA-MT	4801	6 10	3 16 32	0 27 99	+44 73				589500
80587	ANTOFAGASTA-MT	4803	6 10	5 16 24	0 47 82	+ 1 17				589500
10440	MAUI-BN	9012	6 10	6 41 54.84	10 48 24	-40 43				434023
80589	ANTOFAGASTA-MT	4803	6 10	7 13 21	0 27 53	-39 28				589500
80590	ANTOFAGASTA-MT	4803	6 10	9 10 24	0 20 43	-27 70				589500
80591	LIMA-MT	4801	6 10	13 04 32	0 04 09	+26 48				589500
80592	ANTIGUA-MT	4901	6 10	15 08 50	0 25 00	-16 25				589500
80593	WONERA-MT	4600	6 10	16 07 17	0 05 21	+39 07				589500
80594	WONERA-MT	4600	6 10	18 04 07	0 04 95	+18 15				589500
80595	FT MYERS-MT	4021	6 10	18 54 37	0 19 23	+11 34				589500
80596	WONERA-MT	4600	6 10	20 01 26	0 22 58	+46 48				589500
80597	FT MYERS-MT	4021	6 10	20 49 09	0 17 95	+44 75				589500
80598	ANTIGUA-MT	4901	6 10	22 49 14	7 07 34	-20 41				589500
80602	ANTOFAGASTA-MT	4803	6 11	4 37 10	0 31 69	+13 46				589500
80604	ANTOFAGASTA-MT	4803	6 11	6 33 58	0 03 17	-38 59				589500
80606	ANTOFAGASTA-MT	4803	6 11	8 30 51	0 13 08	-32 25				589500
80607	ANTOFAGASTA-MT	4803	6 11	10 25 40	0 16 09	+23 92				589500
80608	LIMA-MT	4801	6 11	12 24 30	0 01 74	+ 8 38				589500
80609	ANTIGUA-MT	4901	6 11	14 29 47	0 21 18	-33 73				589500
80611	WONERA-MT	4600	6 11	15 28 02	0 04 57	+47 43				589500
80612	WONERA-MT	4600	6 11	17 24 42	0 05 46	+18 26				589500
80613	FT MYERS-MT	4021	6 11	18 16 06	0 22 43	- 0 85				589500
10437	WONERA-BN	9003	6 11	19 21 03.06	21 07 48	- 9 25				434013
80614	WONERA-MT	4600	6 11	19 21 49	0 20 48	+48 72				589500
80616	FT MYERS-MT	4021	6 11	20 10 49	0 33 85	+44 09				589500
80618	FT MYERS-MT	4021	6 11	22 05 22	0 14 37	-34 22				589500
80621	ANTIGUA-MT	4901	6 11	22 10 40	0 25 37	+19 03				589500
80615	QUITO-MT	4800	6 12	1 36 09	2 98 27	-33 59				589500
80619	ANTOFAGASTA-MT	4803	6 12	3 36 03	0 23 34	+28 45				589500
80620	ANTOFAGASTA-MT	4803	6 12	5 34 42	0 30 67	-37 34				589500
80622	ANTOFAGASTA-MT	4803	6 12	9 48 57	0 06 94	+13 14				589500
80623	QUITO-MT	4800	6 12	13 43 57	0 06 81	+27 73				589500
80624	ANTIGUA-MT	4901	6 12	13 50 34	0 34 59	-44 96				589500
80626	WONERA-MT	4600	6 12	14 45 22	0 04 85	+19 61				589500
80628	WONERA-MT	4600	6 12	16 42 15	0 12 02	+39 72				589500
10442	WONERA-BN	9003	6 12	18 42 23.37	21 13 24	-10 16				434013
80629	FT MYERS-MT	4021	6 12	19 32 26	0 24 70	+41 17				589500
10441	WONERA-BN	9003	6 12	20 37 32.90	21 37 18	11 30				434013
80630	FT MYERS-MT	4021	6 12	21 27 01	0 27 33	-16 50				589500
80631	QUITO-MT	4800	6 13	1 19 30	1 96 12	- 3 17				589500
10444	OLIFANTSPNTN-BN	9002	6 13	3 30 44.42	22 10 12	5 33				434013
80633	ANTOFAGASTA-MT	4803	6 13	9 09 17	0 29 70	+ 3 24				589500
80634	QUITO-MT	4800	6 13	13 04 16	0 03 71	+ 7 41				589500
80635	WONERA-MT	4600	6 13	14 06 08	0 21 71	+22 38				589500
80636	FT MYERS-MT	4021	6 13	14 54 45	0 14 44	-22 85				589500
80637	FT MYERS-MT	4021	6 13	18 53 39	0 14 44	+34 53				589500
80638	FT MYERS-MT	4021	6 13	20 48 39	0 24 99	+ 0 80				589500
80639	QUITO-MT	4800	6 14	0 40 48	0 07 97	+39 47				589500
80640	ANTOFAGASTA-MT	4803	6 14	4 36 28	0 33 82	-31 97				589500
80641	ANTOFAGASTA-MT	4803	6 14	6 32 40	0 00 43	-43 47				589500
80642	ANTOFAGASTA-MT	4803	6 14	8 29 40	0 12 42	- 6 00				589500
80643	QUITO-MT	4800	6 14	12 24 28	0 06 44	-11 58				589500
80644	ANTIGUA-MT	4901	6 14	14 29 34	3 02 56	+41 08				589500
80645	WONERA-MT	4600	6 14	15 27 02	0 06 14	+26 48				589500
80646	FT MYERS-MT	4021	6 14	16 19 52	0 13 53	-30 93				589500
80647	WONERA-MT	4600	6 14	17 23 22	0 05 40	+28 34				589500
80648	FT MYERS-MT	4021	6 14	18 15 26	0 03 99	+30 83				589500
80649	FT MYERS-MT	4021	6 14	20 10 15	0 33 34	+13 13				589500
80650	ANTOFAGASTA-MT	4803	6 15	3 37 31	0 26 47	-26 86				589500
80652	ANTOFAGASTA-MT	4803	6 15	5 33 30	0 28 03	-44 58				589500
80653	ANTOFAGASTA-MT	4803	6 15	7 30 09	0 13 39	-14 64				589500
10450	VILLA DOLORES-BN	9011	6 15	9 44 42.00	20 58 00	20 14				434013
10449	AREQUIPA-BN	9007	6 15	9 49 10.59	23 23 24	- 6 21				434013
80654	QUITO-MT	4800	6 15	11 44 34	0 04 79	-28 70				589500
80655	WONERA-MT	4600	6 15	14 48 02	0 04 10	+32 87				589500
80657	FT MYERS-MT	4021	6 15	15 40 50	0 23 10	-38 91				589500
80658	WONERA-MT	4600	6 15	16 44 05	0 23 25	+23 96				589500
80659	FT MYERS-MT	4021	6 15	17 34 47	0 18 34	+24 45				589500
80659	FT MYERS-MT	4021	6 15	19 31 47	0 43 50	+20 84				589500
10447	OLIFANTSPNTN-BN	9002	6 16	1 36 59.41	23 45 12	8 40				434013
10448	OLIFANTSPNTN-BN	9002	6 16	3 48 31.21	21 20 48	21 38				434013
80661	ANTOFAGASTA-MT	4803	6 16	5 14 26	0 00 33	-49 44				589500

OBJ NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80662	ANTOFAGASTA-MT	4803	6 16	9 08 39	0 21 56	+49 66				589500
80663	ANTIGUA-MT	4901	6 16	13 11 10	0 05 53	+11 41				589500
80664	VOONERA-MT	4600	6 16	14 09 09	0 19 33	+41 01				589500
80667	PT MYERS-MT	4021	6 16	15 01 38	0 21 75	-46 16				589500
80668	PT MYERS-MT	4021	6 16	16 58 00	0 02 89	+17 68				589500
80670	SAN DIEGO-MT	4011	6 16	20 39 03	0 13 63	-47 58				589500
80672	ANTOFAGASTA-MT	4803	6 17	6 31 29	0 11 60	-30 77				589500
80673	ANTOFAGASTA-MT	4803	6 17	8 28 56	0 01 28	+40 13				589500
10456	VILLA DOLORES-BN	9011	6 17	8 28 56.70	28 36 42	19 23				434013
80674	ANTIGUA-MT	4901	6 17	12 31 39	0 37 13	- 4 00				589500
80675	PT MYERS-MT	4021	6 17	16 19 05	0 18 17	+10 63				589500
80676	PT MYERS-MT	4021	6 17	18 14 35	0 24 48	+26 74				589500
80677	ANTIGUA-MT	4901	6 17	20 15 37	6 31 53	-43 60				589500
80678	ANTOFAGASTA-MT	4803	6 18	2 01 17	0 26 48	+10 05				589500
10453	OLIFANTSPRTH-BN	9002	6 18	2 33 40.85	22 51 06	29 01				434013
80679	ANTOFAGASTA-MT	4803	6 18	5 52 21	0 01 28	-38 41				589500
80681	ANTIGUA-MT	4901	6 18	11 52 01	0 06 62	-18 39				589500
80682	PT MYERS-MT	4021	6 18	15 40 03	0 00 00	+ 3 59				589500
80683	PT MYERS-MT	4021	6 18	17 35 51	0 28 45	+26 75				589500
80684	SAN DIEGO-MT	4011	6 18	19 21 33	0 15 67	-39 25				589500
10457	AREQUIPA-BN	9007	6 18	23 27 42.33	14 53 06	33 49				434013
80688	ANTOFAGASTA-MT	4803	6 19	5 13 22	0 21 11	-45 69				589500
80689	ANTOFAGASTA-MT	4803	6 19	7 09 55	0 19 28	+19 52				589500
80690	LIMA-MT	4801	6 19	9 05 38	0 08 99	- 2 67				589500
80691	QUITO-MT	4800	6 19	11 04 52	0 11 70	+30 23				589500
80693	VOONERA-MT	4600	6 19	14 08 16	0 37 55	+27 98				589500
80694	PT MYERS-MT	4021	6 19	15 00 30	0 01 56	- 3 63				589500
80695	VOONERA-MT	4600	6 19	16 03 55	0 08 24	+47 54				589500
80696	PT MYERS-MT	4021	6 19	16 56 38	0 23 23	+25 59				589500
80697	SAN DIEGO-MT	4011	6 19	18 42 36	0 01 93	-37 26				589500
80698	PT MYERS-MT	4021	6 19	18 52 33	0 02 21	-18 47				589500
80699	ANTIGUA-MT	4901	6 19	18 58 21	0 36 15	+20 43				589500
80700	QUITO-MT	4800	6 19	22 45 46	0 36 98	-38 20				589500
80701	ANTOFAGASTA-MT	4803	6 20	4 30 38	0 35 63	+ 8 87				589500
80702	LIMA-MT	4801	6 20	8 25 57	0 02 16	-19 78				589500
80703	QUITO-MT	4800	6 20	10 24 55	0 09 61	+13 34				589500
80704	ANTIGUA-MT	4901	6 20	10 32 22	0 13 92	-44 93				589500
80705	ANTIGUA-MT	4901	6 20	12 31 03	0 00 79	+46 62				589500
80706	VOONERA-MT	4600	6 20	13 29 34	0 31 33	+32 34				589500
80709	VOONERA-MT	4600	6 20	15 24 34	0 00 35	+44 80				589500
80710	PT MYERS-MT	4021	6 20	16 17 59	0 11 21	+23 65				589500
80712	PT MYERS-MT	4021	6 20	18 13 46	0 16 89	- 5 91				589500
80713	ANTIGUA-MT	4901	6 20	18 19 44	3 47 12	+37 38				589500
80714	QUITO-MT	4800	6 20	22 07 11	0 30 15	+ 9 66				589500
80715	ANTOFAGASTA-MT	4803	6 21	5 31 30	0 29 95	- 3 01				589500
80716	LIMA-MT	4801	6 21	7 46 25	0 13 23	-36 57				589500
80717	QUITO-MT	4800	6 21	9 44 59	0 19 33	- 5 33				589500
80718	ANTIGUA-MT	4901	6 21	11 31 30	0 07 23	+36 81				589500
80719	VOONERA-MT	4600	6 21	12 31 02	0 46 44	+38 73				589500
80720	PT MYERS-MT	4021	6 21	13 42 00	0 12 70	-18 92				589500
80721	VOONERA-MT	4600	6 21	14 46 06	0 29 55	+42 69				589500
80722	PT MYERS-MT	4021	6 21	15 30 51	0 14 59	+21 08				589500
80724	PT MYERS-MT	4021	6 21	17 24 53	0 12 30	+ 3 13				589500
80725	ANTIGUA-MT	4901	6 21	17 40 50	1 59 40	+49 88				589500
80726	SAN DIEGO-MT	4011	6 21	19 20 28	0 16 02	-44 35				589500
80729	ANTIGUA-MT	4901	6 22	11 11 51	0 81 28	+26 53				589500
80730	PT MYERS-MT	4021	6 22	13 02 24	0 12 00	-27 11				589500
10459	MAUI-BN	9012	6 22	14 35 14.63	8 36 36	-36 58				434023
80731	PT MYERS-MT	4021	6 22	14 59 34	0 05 53	+17 98				589500
80732	SAN DIEGO-MT	4011	6 22	16 44 57	0 14 85	-39 05				589500
80733	PT MYERS-MT	4021	6 22	16 59 53	0 12 87	+ 9 48				589500
80734	SAN DIEGO-MT	4011	6 22	18 41 23	0 07 20	-38 25				589500
80736	LIMA-MT	4801	6 22	22 46 44	0 37 23	-18 84				589500
80736	ANTOFAGASTA-MT	4803	6 23	4 33 41	0 26 72	-28 54				589500
80737	QUITO-MT	4800	6 23	8 25 27	0 17 81	-43 32				589500
10461	VOONERA-BN	9003	6 23	9 30 41.05	11 52 24	43 10				434013
10462	VOONERA-BN	9003	6 23	9 40 06.61	14 15 48	36 33				434013
80738	ANTIGUA-MT	4901	6 23	10 32 02	0 00 24	+14 37				589500
80739	PT MYERS-MT	4021	6 23	12 22 43	0 04 20	-32 61				589500
80740	VOONERA-MT	4600	6 23	13 28 46	0 01 63	+40 32				589500
10464	MAUI-BN	9012	6 23	13 58 07.87	1 10 30	-23 39				434023
80741	PT MYERS-MT	4021	6 23	14 20 14	0 13 32	+14 23				589500
80742	SAN DIEGO-MT	4011	6 23	16 05 28	0 18 76	-41 86				589500
80743	PT MYERS-MT	4021	6 23	16 16 45	0 19 17	+13 74				589500
10460	OLIFANTSPRTH-BN	9002	6 23	16 50 31.91	11 49 36	28 08				434013
80744	SAN DIEGO-MT	4011	6 23	18 02 11	0 16 25	-33 82				589500
80755	LIMA-MT	4801	6 23	22 00 11	0 41 32	+25 68				589500
80745	ANTOFAGASTA-MT	4803	6 24	3 34 58	0 00 56	-41 52				589500
80746	LIMA-MT	4801	6 24	7 46 28	0 10 70	+42 09				589500
80747	ANTIGUA-MT	4901	6 24	9 32 14	0 15 22	+ 1 34				589500
80748	PT MYERS-MT	4021	6 24	13 40 45	0 05 05	+ 9 94				589500
80749	SAN DIEGO-MT	4011	6 24	15 25 59	0 01 00	-43 49				589500
80750	PT MYERS-MT	4021	6 24	15 37 30	0 04 39	+16 52				589500
80751	SAN DIEGO-MT	4011	6 24	17 22 53	0 09 24	-30 95				589500
80753	ANTIGUA-MT	4901	6 24	17 40 55	4 91 29	-41 45				589500
80754	ANTOFAGASTA-MT	4803	6 24	23 27 09	0 63 45	- 4 75				589500
10463	AREQUIPA-BN	9007	6 24	23 27 25.43	16 40 54	-73 25				434023
80756	ANTOFAGASTA-MT	4803	6 25	5 12 04	0 33 85	+49 42				589500

1961 NU 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
80757	LIMA-MT	4801	6 25	7 07 03	0 19 32	+26 49				589500
80758	ANTIGUA-MT	4901	6 25	9 12 25	0 13 04	-13 14				589500
80759	MOCHERA-MT	4600	6 25	12 11 49	0 15 73	+41 34				589500
80760	PT MYERS-MT	4021	6 25	13 01 11	0 09 73	+ 4 95				589500
80761	PT MYERS-MT	4021	6 25	14 38 09	0 07 08	+18 14				589500
80762	PT MYERS-MT	4021	6 25	16 34 55	0 14 30	-27 72				589500
80763	ANTIGUA-MT	4901	6 25	17 01 44	0 44 95	-16 91				589500
80764	LIMA-MT	4801	6 26	6 27 49	0 16 45	+ 6 48				589500
80765	ANTIGUA-MT	4901	6 26	8 32 40	0 14 90	-28 48				589500
10465	MOCHERA-SN	9003	6 26	9 38 55.07	12 47 42	22 54				434013
10466	MOCHERA-SN	9003	6 26	9 39 21.07	13 49 18	20 04				434013
80780	PT MYERS-MT	4021	6 26	12 21 35	0 18 55	- 0 76				589500
80781	PT MYERS-MT	4021	6 26	14 18 42	0 06 61	+18 92				589500
80782	PT MYERS-MT	4021	6 26	14 18 43	0 06 61	+18 92				589500
80783	PT MYERS-MT	4021	6 26	16 15 37	0 11 27	-16 52				589500
80784	PT MYERS-MT	4021	6 26	16 15 37	0 11 37	-16 46				589500
80785	ANTIGUA-MT	4901	6 26	16 22 36	1 06 71	+ 1 02				589500
80786	ANTOFAGASTA-MT	4803	6 27	3 34 28	0 20 28	+24 78				589500
80789	LIMA-MT	4801	6 27	5 46 44	0 13 72	-17 44				589500
80791	ANTIGUA-MT	4901	6 27	7 53 09	3 51 04	-42 87				589500
10467	MOCHERA-SN	9003	6 27	9 00 37.72	12 24 42	26 34				434013
10468	MOCHERA-SN	9003	6 27	9 02 03.27	13 17 54	14 52				434013
80792	ANTIGUA-MT	4901	6 27	9 51 27	0 06 21	+46 65				589500
80793	PT MYERS-MT	4021	6 27	11 41 56	0 00 15	- 7 59				589500
80794	PT MYERS-MT	4021	6 27	13 36 13	0 03 25	- 7 67				589500
80796	ANTIGUA-MT	4901	6 28	9 11 48	0 06 44	+40 22				589500
80798	PT MYERS-MT	4021	6 28	12 39 38	0 03 21	+18 18				589500
80799	PT MYERS-MT	4021	6 28	14 34 44	0 06 70	- 0 39				589500
80800	ANTIGUA-MT	4901	6 28	15 03 49	0 22 36	+29 38				589500
80801	ANTIGUA-MT	4901	6 29	8 32 12	0 15 47	+31 80				589500
80802	PT MYERS-MT	4021	6 29	10 22 43	0 19 16	-24 90				589500
80803	PT MYERS-MT	4021	6 29	12 20 03	0 09 53	+16 78				589500
80804	LIMA-MT	4801	6 29	20 12 27	0 18 28	-30 90				589500
80805	PT MYERS-MT	4021	6 30	9 43 11	0 03 32	-35 68				589500
80806	PT MYERS-MT	4021	6 30	13 37 35	0 03 20	+ 9 97				589500
80807	PT MYERS-MT	4021	6 30	15 39 14	0 03 32	-44 17				589500
80808	LIMA-MT	4801	6 30	19 33 34	0 18 16	- 3 21				589500
80809	ANTOFAGASTA-MT	4803	6 30	21 31 32	0 11 94	-34 58				589500

NOTICE

This series of Special Reports was instituted under the supervision of Dr. F. L. Whipple, Director of the Astrophysical Observatory of the Smithsonian Institution, shortly after the launching of the first artificial earth satellite on October 4, 1957. Contributions come from the Staff of the Observatory. First issued to ensure the immediate dissemination of data for satellite tracking, the Reports have continued to provide a rapid distribution of catalogues of satellite observations, orbital information, and preliminary results of data analyses prior to formal publication in the appropriate journals.

Edited and produced under the supervision of Mrs. L. G. Boyd and Mr. E. N. Hayes, the Reports are indexed by the Science and Technology Division of the Library of Congress, and are regularly distributed to all institutions participating in the U. S. space research program and to individual scientists who request them from the Administrative Officer, Technical Information, Smithsonian Astrophysical Observatory, Cambridge 38, Massachusetts.